

# Standard Antibody List

No	Mills Lab Ab Name for Cataloging	Ab Name for Reports	Gene Name	Company	Catalog #	Ab ID	Species	Validation Status*	Recent Addition?
1	14-3-3_epsilon	14-3-3_epsilon	YWHAE	Santa Cruz	sc-2395	913.1	Mouse	Use with Caution	new
2	4E-BP1	4E-BP1	EIF4EBP1	CST	9452	2.8	Rabbit	Validated	
3	4E-BP1_pS65	4E-BP1_pS65	EIF4EBP1	CST	9456	3.1	Rabbit	Validated	
4	53BP1	53BP1	TP53BP1	CST	4937	985.1	Rabbit	Use with Caution	
5	ACC_pS79	ACC_pS79	ACACA ACACB	CST	3661	13.4	Rabbit	Validated	
6	ACC1	ACC1	ACACA	Epitomics	1768-1	14.1	Rabbit	Use with Caution	
7	AIB1	AIB1	NCOA3	BD Biosciences	611105	711.1	Mouse	Validated	
8	Akt	Akt	AKT1 AKT2 AKT3	CST	9272	21.13	Rabbit	Validated	
9	Akt_pS473	Akt_pS473	AKT1 AKT2 AKT3	CST	9271	23.10	Rabbit	Validated	
10	Akt_pT308	Akt_pT308	AKT1 AKT2 AKT3	CST	9275	25.11	Rabbit	Validated	
11	AMPK_alpha	AMPK_alpha	PRKAA1	CST	2532	39.4	Rabbit	Use with Caution	
12	AMPK_pT172	AMPK_pT172	PRKAA1	CST	2535	40.6	Rabbit	Validated	
13	Annexin_I	Annexin_I	ANXA1	Invitrogen	71-3400	795.1	Rabbit	Validated	
14	AR	AR	AR	Epitomics	1852-1	756.1	Rabbit	Validated	
15	Bad_pS112	Bad_pS112	BAD	CST	9291	63.7	Rabbit	Validated	new
16	Bak	Bak	BAK1	Epitomics	1542-1	71.1	Rabbit	Use with Caution	
17	Bax	Bax	BAX	CST	2772	73.3	Rabbit	Validated	
18	Bcl-2	Bcl-2	BCL2	Dako	Dako M0887	80.1	Mouse	Validated	
19	Bcl-X	Bcl-X	BCL2L1	Epitomics	1018-1	84.1	Rabbit	Use with Caution	
20	Bcl-xL	Bcl-xL	BCL2L1	CST	2762	85.5	Rabbit	Validated	
21	Beclin	Beclin	BECN1	Santa Cruz	sc-10086	87.1	Goat	Validated	
22	Bid	Bid	BID	Epitomics	1008-1	88.1	Rabbit	Use with Caution	
23	Bim	Bim	BCL2L11	Epitomics	1036-1	90.1	Rabbit	Validated	
24	Cadherin-E	E-Cadherin	CDH1	CST	4065	209.2	Rabbit	Validated	
25	Cadherin-N	N-Cadherin	CDH2	CST	4061	452.1	Rabbit	Validated	
26	Cadherin-P	P-Cadherin	CDH3	CST	2130	509.1	Rabbit	Use with Caution	
27	Caspase-3_active	Caspase-3_active	CASP3	Epitomics	1476-1	108.1	Rabbit	Use with Caution	
28	Caspase-7_cleavedD198	Caspase-7_cleavedD198	CASP7	CST	9491	109.6	Rabbit	Use with Caution	
29	Caspase-9_cleavedD330	Caspase-9_cleavedD330	CASP9	CST	9501	953.4	Rabbit	Use with Caution	new
30	Catenin-alpha	alpha-Catenin	CTNNA1	Calbiochem	CA1030	924.1	Mouse	Validated	new
31	Catenin-beta	beta-Catenin	CTNNB1	CST	9562	75.3	Rabbit	Validated	
32	Caveolin-1	Caveolin-1	CAV1	CST	3238	114.1	Rabbit	Validated	
33	CD31	CD31	PECAM1	Dako	M0823	127.1	Mouse	Validated	
34	CDK1	CDK1	CDC2	CST	9112	1007.5	Rabbit	Validated	
35	Chk1	Chk1	CHEK1	CST	2345	145.1	Rabbit	Use with Caution	
36	Chk1_pS345	Chk1_pS345	CHEK1	CST	2348	903.70	Rabbit	Use with Caution	
37	Chk2	Chk2	CHEK2	CST	3440	146.1	Mouse	Use with Caution	
38	Chk2_pT68	Chk2_pT68	CHEK2	CST	2197	147.2	Rabbit	Use with Caution	
39	clAP	clAP	BIRC2	Millipore	07-759	930.10	Rabbit	Validated	new
40	Claudin-7	Claudin-7	CLDN7	Novus	NB100-91714	852.1	Rabbit	Validated	
41	Collagen_VI	Collagen_VI	COL6A1	Santa Cruz	SC-20649	171.1	Rabbit	Validated	
42	COX-2	COX-2	PTGS2	Epitomics	2169-1	755.1	Rabbit	Use with Caution	
43	Cyclin_B1	Cyclin_B1	CCNB1	Epitomics	1495-1	192.1	Rabbit	Validated	
44	Cyclin_D1	Cyclin_D1	CCND1	Santa Cruz	SC-718	194.1	Rabbit	Validated	
45	Cyclin_E1	Cyclin_E1	CCNE1	Santa Cruz	SC-247	201.1	Mouse	Validated	
46	DJ-1	DJ-1	PARK7	Abcam	ab76008	891.10	Rabbit	Use with Caution	
47	Dvl3	Dvl3	DVL3	CST	3218	940.1	Rabbit	Validated	new
48	eEF2	eEF2	EEF2	CST	2332	1060.3	Rabbit	Validated	
49	eEF2K	eEF2K	EEF2K	CST	3692	1061.2	Rabbit	Validated	
50	EGFR	EGFR	EGFR	Santa Cruz	SC-03	215.2	Rabbit	Use with Caution	
51	EGFR_pY1068	EGFR_pY1068	EGFR	CST	2234	217.13	Rabbit	Validated	new
52	EGFR_pY1173	EGFR_pY1173	EGFR	Epitomics	1124	221.3	Rabbit	Use with Caution	
53	EGFR_pY992	EGFR_pY992	EGFR	CST	2235	222.4	Rabbit	Validated	
54	elF4E	elF4E	EIF4E	CST	9742	722.3	Rabbit	Validated	
55	ER-alpha	ER-alpha	ESR1	Lab Vision	RM-9101-S	238.6	Rabbit	Validated	new
56	ER-alpha_pS118	ER-alpha_pS118	ESR1	Epitomics	1091-1	241.1	Rabbit	Validated	
57	ERCC1	ERCC1	ERCC1	Lab Vision	MS-671-PO	247.1	Mouse	Use with Caution	
58	FAK	FAK	PTK2	Epitomics	1700-1	252.2	Rabbit	Use with Caution	
59	Fibronectin	Fibronectin	FN1	Epitomics	1574-1	262.10	Rabbit	Use with Caution	
60	FOXO3a	FOXO3a	FOXO3	CST	9467	269.4	Rabbit	Use with Caution	
61	FOXO3a_pS318_S321	FOXO3a_pS318_S321	FOXO3	CST	9465	270.1	Rabbit	Use with Caution	
62	GATA3	GATA3	GATA3	BD Biosciences	558686	764.1	Mouse	Validated	
63	GSK3_pS9	GSK3_pS9	GSK3A GSK3B	CST	9336	1082.12	Rabbit	Validated	new
64	GSK3-alpha-beta	GSK3-alpha-beta	GSK3A GSK3B	Santa Cruz	SC-7291	284.2	Mouse	Validated	
65	GSK3-alpha-beta_pS21_S9	GSK3-alpha-beta_pS21_S9	GSK3A GSK3B	CST	9331	285.12	Rabbit	Validated	
66	HER2	HER2	ERBB2	Lab Vision	MS-325-P1	1038.2	Mouse	Validated	new
67	HER2_pY1248	HER2_pY1248	ERBB2	Upstate (Millipore)	06-229	299.1	Rabbit	Validated	
68	HER3	HER3	ERBB3	Santa Cruz	sc-285	911.1	Rabbit	Validated	new
69	HER3_pY1298	HER3_pY1298	ERBB3	CST	4791	728.12	Rabbit	Use with Caution	new
70	IGF-1R-beta	IGF-1R-beta	IGF1R	CST	3027	336.1	Rabbit	Use with Caution	
71	IGFBP2	IGFBP2	IGFBP2	CST	3922	335.1	Rabbit	Validated	
72	INPP4B	INPP4B	INPP4B	Santa Cruz	SC-12318	912.1	Goat	Use with Caution	
73	IRS1	IRS1	IRS1	Upstate (Millipore)	06-248	802.1	Rabbit	Validated	
74	JNK_pT183_pT185	JNK_pT183_pT185	MAPK8	CST	4668	888.50	Rabbit	Validated	new
75	JNK2	JNK2	MAPK9	CST	4672	380.1	Rabbit	Use with Caution	
76	Jun-c_pS73	c-Jun_pS73	JUN	CST	9164	155.5	Rabbit	Use with Caution	
77	Kit-c	c-Kit	KIT	Epitomics	1522	157	Rabbit	Validated	
78	MAPK_pT202_Y204	MAPK_pT202_Y204	MAPK1 MAPK3	CST	4377	405.3	Rabbit	Validated	
79	MEK1	MEK1	MAP2K1	Epitomics	1235-1	417.1	Rabbit	Validated	

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80	MEK1_pS217_S221	MEK1_pS217_S221	MAP2K1	CST	9154	1076.3	Rabbit	Validated	new
81	Met-c	c-Met	MET	CST	3127	726.3	Mouse	Use with Caution	new
82	Met-c_pY1235	c-Met_pY1235	MET	CST	3129	727.50	Rabbit	Use with Caution	new
83	MIG-6	MIG-6	ERRF1	Sigma	WHO054206M1	1062.1	Mouse	Validated	
84	MSH2	MSH2	MSH2	CST	2850	905.1	Mouse	Use with Caution	
85	MSH6	MSH6	MSH6	SDI	2203.00.02	1063.1	Rabbit	Use with Caution	
86	mTOR	mTOR	FRAP1	CST	2983	444.3	Rabbit	Validated	new
87	mTOR_pS2448	mTOR_pS2448	FRAP1	CST	2971	446.14	Rabbit	Use with Caution	new
88	Myc-c	c-Myc	MYC	CST	9402	161.20	Rabbit	Use with Caution	
89	NF2	NF2	NF2	SDI	2271.00.02	1046.1	Rabbit	Use with Caution	
90	NF-kB-p65_pS536	NF-kB-p65_pS536	NFKB1	CST	3033	457.4	Rabbit	Use with Caution	
91	Notch1	Notch1	NOTCH1	CST	3268	1064.1	Rabbit	Validated	
92	Notch3	Notch3	NOTCH3	Santa Cruz	sc-5593	767.1	Rabbit	Use with Caution	
93	p21	p21	CDKN1A	Santa Cruz	SC-397	470	Rabbit	Use with Caution	
94	p27	p27	CDKN1B	Epitomics	1591-1	897.1	Rabbit	Validated	
95	p27_pT157	p27_pT157	CDKN1B	R&D	AF1555	842.1	Rabbit	Use with Caution	
96	p27_pT198	p27_pT198	CDKN1B	Abcam	ab64949	878.1	Rabbit	Validated	
97	p38_MAPK	p38_MAPK	MAPK14	CST	9212	478.10	Rabbit	Use with Caution	
98	p38_pT180_Y182	p38_pT180_Y182	MAPK14	CST	9211	479.15	Rabbit	Validated	
99	p53	p53	TP53	CST	9282	481.3	Rabbit	Validated	
100	p70S6K	p70S6K	RPS6KB1	Epitomics	1494-1	493.1	Rabbit	Validated	
101	p70S6K_pT389	p70S6K_pT389	RPS6KB1	CST	9205	494.7	Rabbit	Validated	
102	p90RSK_pT359_S363	p90RSK_pT359_S363	RPS6KA1	CST	9344	770.2	Rabbit	Use with Caution	
103	PARP_cleaved	PARP_cleaved	PARP1	CST	9546	501.1	Mouse	Use with Caution	
104	Paxillin	Paxillin	PXN	Epitomics	1500-1	505.1	Rabbit	Validated	
105	PCNA	PCNA	PCNA	Abcam	ab29	511.1	Mouse	Validated	
106	PDK1_pS241	PDK1_pS241	PDK1	CST	3061	516.7	Rabbit	Validated	
107	PI3K-p110-alpha	PI3K-p110-alpha	PIK3CA	CST	4255	808.1	Rabbit	Use with Caution	
108	PI3K-p85	PI3K-p85	PIK3R1	Upstate (Millipore)	06-195	523.3 or 523.4	Rabbit	Validated	
109	PKC-alpha	PKC-alpha	PRKCA	Upstate (Millipore)	05-154	529.1	Mouse	Validated	
110	PKC-alpha_pS657	PKC-alpha_pS657	PRKCA	Upstate (Millipore)	06-822	530.2	Rabbit	Validated	
111	PR	PR	PGR	Epitomics	1483-1	549.1	Rabbit	Validated	
112	PRAS40_pT246	PRAS40_pT246	AKT1S1	Biosource	441100G	739.1	Rabbit	Validated	
113	PTCH	PTCH	PTCH1	SDI	2113.00.02	1051.1	Rabbit	Use with Caution	
114	PTEN	PTEN	PTEN	CST	9552	566.3	Rabbit	Validated	
115	Rab11	Rab11	RAB11A	CST	3539	1083.3	Rabbit	Validated	new
116	Rab25	Rab25	RAB25	Covance Custom	Covance Custom	577.1	Rabbit	Use with Caution	
117	Rad50	Rad50	RAD50	Millipore	05-525	987.1	mouse	Use with Caution	
118	Rad51	Rad51	RAD51	Chem Biotech	na 71	579.3	Mouse	Use with Caution	
119	Raf-C	C-Raf	RAF1	Millipore	05-739	803	Rabbit	Validated	
120	Raf-C_pS338	C-Raf_pS338	RAF1	CST	9427	179.4	Rabbit	Use with Caution	
121	Ras-K	K-Ras	KRAS	Santa Cruz	sc-30 (F234)	1045.1	Mouse	Use with Caution	
122	Rb	Rb	RB1	CST	9309	552.7	Mouse	Validated	
123	Rb_pS807_S811	Rb_pS807_S811	RB1	CST	9308	557.9	Rabbit	Validated	
124	S6_pS235_S236	S6_pS235_S236	RPS6	CST	2211	600.8	Rabbit	Validated	
125	S6_pS240_S244	S6_pS240_S244	RPS6	CST		601.4	Rabbit	Validated	
126	Smac	Smac	DIABLO	CST	2954	610.4	Mouse	Validated	new
127	Smad1	Smad1	SMAD1	Epitomics	1649-1	922.2	Rabbit	Validated	new
128	Smad3	Smad3	SMAD3	Epitomics	1735-1	796.1	Rabbit	Validated	
129	Smad4	Smad4	SMAD4	Santa Cruz	sc-7866	920.1	Mouse	Validated	new
130	Snail	Snail	SNAI2	CST	3895	616.1	Mouse	Use with Caution	
131	Src	Src	SRC	Upstate (Millipore)	05-184	621.2	Mouse	Validated	
132	Src_pY416	Src_pY416	SRC	CST	2101	623.11	Rabbit	Use with Caution	
133	Src_pY527	Src_pY527	SRC	CST	2105	626.5	Rabbit	Validated	
134	STAT3_pY705	STAT3_pY705	STAT3	CST	9131	637.6	Rabbit	Validated	
135	STAT5-alpha	STAT5-alpha	STAT5A	Epitomics	1289-1	638.1	Rabbit	Validated	
136	Stathmin	Stathmin	STMN1	Epitomics	1972-1	718.1	Rabbit	Validated	
137	Syk	Syk	SYK	Santa Cruz	sc-1240	1033.1	Mouse	Validated	new
138	Tau	Tau	MAPT	Upstate (Millipore)	05-348	646.1	Mouse	Use with Caution	
139	TAZ_pS89	TAZ_pS89	WWTR1	Santa Cruz	sc-17610	779.0	Rabbit	Use with Caution	
140	TFF1	TFF1	TFF1	Epitomics	2044-1	1081.1	Rabbit	Validated	new
141	TIGAR	TIGAR	C12ORF5	Epitomics	S1711	1107.1	Rabbit	Validated	new
142	Tuberlin	Tuberlin	TSC2	Epitomics	1613-1	670.1	Rabbit	Use with Caution	
143	VASP	VASP	VASP	CST	3112	678.2	Rabbit	Use with Caution	
144	VEGFR2	VEGFR2	KDR	CST	2479	688.4	Rabbit	Validated	
145	XIAP	XIAP	XIAP	CST	2042	699.6	Rabbit	Use with Caution	
146	XRCC1	XRCC1	XRCC1	CST	2735	906.1	Rabbit	Use with Caution	
147	YAP	YAP	YAP1	Santa Cruz	sc-15407	780.0	Rabbit	Validated	
148	YAP_pS127	YAP_pS127	YAP1	CST	4911	782.1	Rabbit	Use with Caution	
149	YB-1	YB-1	YBX1	SDI	1725.00.02	700.1	Rabbit	Validated	
150	YB-1_pS102	YB-1_pS102	YBX1	CST	2900	835.1	Rabbit	Validated	