

**Panorama™ Ab Microarray – MAPK & PKC Pathways  
List of Antibodies**

	Antibody	Product No.	P/M	Reactivity		
				Human	Mouse	Rat
1	MAP Kinase (ERK-1)	<a href="#">M7927</a>	P	y	y	y
2	MAP Kinase (ERK-1, ERK-2)	<a href="#">M5670</a>	P	y	y	y
3	MAP Kinase, Non-Phosphorylated ERK clone: ERK-NP2	<a href="#">M3807</a>	M	y	n/d	y
4	MAP Kinase Activated Protein Kinase-2 (MAPKAPK-2)	<a href="#">M3550</a>	P	y	y	n/d
5	MAP Kinase, Monophosphorylated Threonine clone: ERK-YNP	<a href="#">M3557</a>	M	y	y	y
6	MAP Kinase, Activated/Monophosphorylated (Phosphothreonine ERK-1&2) clone: ERK-PT115	<a href="#">M7802</a>	M	y	n/d	y
7	MAP Kinase Kinase 4 (MKK4, SEK1, JNKK1)	<a href="#">M0422</a>	P	y	y	n/d
8	MAP Kinase, Monophosphorylated Tyrosine clone: ERK-PY193	<a href="#">M3682</a>	M	y	n/d	y
9	MAP Kinase Phosphatase-1 (MKP-1)	<a href="#">M3787</a>	P	y	n/d	n/d
10	MAP Kinase, Activated (Diphosphorylated ERK-1&2) clone: MAPK-YT	<a href="#">M9692</a>	M	y	y	y
11	MAP Kinase 2 (ERK-2) clone: 1B3B9	<a href="#">M7431</a>	M	y	y	y
12	MAP Kinase Kinase (MEK, MAPKK)	<a href="#">M5795</a>	P	y	y	y
13	p38 MAP Kinase, Non-Activated clone: P38-YNP	<a href="#">M8432</a>	M	y	y	y
14	p38 MAP Kinase	<a href="#">M0800</a>	P	n/d	y	y
15	p38 MAP Kinase, Activated (Diphosphorylated p38) clone: P38-TY	<a href="#">M8177</a>	M	y	y	y
16	S6 Kinase	<a href="#">S4047</a>	P	y	y	y
17	Protein Kinase C $\alpha$	<a href="#">P4334</a>	P	n/d	y	y
18	Protein Kinase C clone: MC5	<a href="#">P5704</a>	M	y	y	y
19	Protein Kinase C $\beta_1$	<a href="#">P3078</a>	P	n/d	n/d	y
20	Protein Kinase C $\beta_1$ clone: PK-B13	<a href="#">P6959</a>	M	n/d	n/d	y
21	Protein Kinase C $\delta$	<a href="#">P8333</a>	P	n/d	n/d	y
22	Protein Kinase C $\beta_2$ clone: PK-B26	<a href="#">P2584</a>	M	n/d	n/d	y
23	Protein Kinase C $\beta_2$	<a href="#">P3203</a>	P	n/d	n/d	y
24	Protein Kinase C $\gamma$	<a href="#">P3328</a>	P	n/d	n/d	y
25	Protein Kinase C $\gamma$ clone: PK-G4	<a href="#">P8083</a>	M	n/d	n/d	y
26	Protein Kinase C $\epsilon$	<a href="#">P8458</a>	P	n/d	n/d	y
27	Protein Kinase C $\zeta$	<a href="#">P0713</a>	P	n/d	y	y
28	Protein Kinase C $\eta$	<a href="#">P8090</a>	P	y	n/d	n/d
29	c-Jun N-Terminal Kinase (JNK1, JNK2)	<a href="#">J4500</a>	P	y	y	y
30	JNK, Activated (Diphosphorylated JNK) clone: JNK-PT48	<a href="#">J4750</a>	M	y	y	y
31	phospho-c-Jun (pSer <sup>63</sup> )	<a href="#">J2128</a>	P	y	y	n/d
32	phospho-c-Jun (pSer <sup>73</sup> )	<a href="#">J2253</a>	P	y	y	n/d
33	AP-1	<a href="#">A5968</a>	P	y	n/d	n/d
34	Protein Phosphatase 1 $\alpha$	<a href="#">P7979</a>	P	y	n/d	n/d
35	Phospholipase A <sub>2</sub> , Secretory Group V clone: MCL-3G1	<a href="#">P5242</a>	M	y	n/d	n/d
36	Phospholipase C $\gamma$ 1 (PLC $\gamma$ 1)	<a href="#">P8104</a>	P	y	y	n/d
37	c-erbB-2 clone: HER2-96	<a href="#">E2777</a>	M	y	n/d	n/d
38	c-erbB-3 clone: RTJ1	<a href="#">E8767</a>	M	y	n/d	n/d
39	c-erbB-4 clone: HER4-36	<a href="#">E5900</a>	M	y	n/d	n/d
40	Phosphoserine clone: PSR-45	<a href="#">P5747</a>	M	y	y	y
41	Phosphotyrosine clone: pT-154	<a href="#">P1869</a>	M	y	y	y
42	Phosphothreonine clone: PTR-8	<a href="#">P3555</a>	M	y	y	y
43	ERK5 (big-MAPK, BMK1)	<a href="#">E1523</a>	P	y	y	n/d
44	Phosphatidylinositol 3-Kinase (PI 3-Kinase p85 $\alpha$ )	<a href="#">P8208</a>	P	n/d	n/d	y

P/M = Polyclonal / monoclonal  
n/d = not determined

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				Human	Mouse	Rat
45	RAF1	R5773	P	y	n/d	y
46	RAF1 clone: RNP1	R2404	M	y	y	y
47	Vascular Endothelial Growth Factor Receptor-1 (FLT1) clone: FLT-19	V4762	M	y	n/d	n/d
48	Estrogen receptor	E1396	P	y	n/d	n/d
49	Epidermal Growth Factor Receptor clone: F4	E3138	M	y	n/d	n/d
50	ATF-1	A7833	P	y	n/d	n/d
51	ATF2	A4086	P	y	n/d	n/d
52	phospho-ATF-2 (pThr <sup>69,71</sup> ) clone: ATF-22P	A4095	M	y	y	y
53	RSK1	R5145	P	y	y	y
54	SH-PTP2 (SHP-2)	S3056	P	y	n/d	n/d
55	c-Cbl	C9603	P	y	n/d	n/d
56	GAPDH clone GAPDH-71.1	G8795	M	y	y	y
57	Grb-2 clone: GRB-232	G2791	M	y	y	y
58	Mcl-1	M8434	P	y	n/d	n/d
59	p130 <sup>cas</sup>	C0354	P	y	y	y
60	SIRP $\alpha$ 1 (SHPS-1)	S1311	P	n/d	y	y
61	Sos1	S2937	P	y	n/d	n/d
62	Crk-L	C0978	P	y	y	n/d
63	KSR clone: C3H7D2	K4261	M	n/d	y	n/d
64	ILK clone: 65	I0783	M	y	y	y
65	ILK	I1907	P	y	y	n/d
66	SAPK3	S0315	P	y	y	y
67	SKK2 (SAPKK2, MKK3, MEK3)	S5308	P	y	y	y
68	Serine/Threonine protein phosphatase 2A/B' pan 2	P8359	P	n/d	n/d	y
69	MEKK4 clone MEKK4-338	M7194	M	y	y	y
70	Serine/Threonine protein phosphatase 2C $\alpha$ / $\beta$	P8609	P	y	y	n/d
71	CRK- II	C0853	P	y	y	n/d
72	Protein Tyrosine Phosphatase PEST clone: AG25	P9109	M	y	y	y
73	Serine/Threonine protein phosphatase 1/ $\beta$	P7484	P	y	y	y
74	Serine/Threonine protein phosphatase 1 $\gamma$ 1	P7609	P	y	y	y
75	Serine/Threonine protein phosphatase 2A/A	P8109	P	y	y	y
76	Serine/Threonine protein phosphatase 2A/B $\alpha$	P8234	P	y	y	y
77	Serine/Threonine protein phosphatase 2A/B $\gamma$	P5359	P	y	y	y
78	Pan Cadherin clone: CH-19	C1821	M	y	y	y
79	Pan Cytokeratin clone: C-11	C2931	M	y	y	y
80	$\beta$ Tubulin I clone: SAP4G5	T7816	M	y	y	y
81	Fibronectin clone: FN-15	F7387	M	y	y	n/d
82	Ezrin clone: 3C12	E8897	M	y	y	y
83	$\beta$ Actin clone: AC-15	A1978	M	y	y	y
84	Cytokeratin pep.19 clone: A53-B/A2	C6930	M	y	n/d	n/d

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