

	<h1>RAP1A Mouse mAb</h1>	E 2 2 2 0 6 9 4
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Swiss-Prot No.:	P62834
Altername:	RAP1A
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Purified recombinant fragment of human RAP1A expressed in E. Coli.
Purification:	Affinity purified
Reactivity:	Human
Other Names:	RAP1; KREV1; KREV-1; SMGP21
Background:	The product of this gene belongs to the family of RAS-related proteins. These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between RAP proteins and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. The product of this gene counteracts the mitogenic function of RAS because it can interact with RAS GAPs and RAF in a competitive manner. Two transcript variants encoding the same protein have been identified for this gene.
Gene ID:	5906
Cellular	Cell junction, Cell membrane, Cytoplasm, Endosome,

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localization:	Membrane
Source:	Mouse
Antibody type:	Monoclonal antibody
Isotype:	Mouse IgG1
Molecular Weight:	21kDa
Preservative:	Purified antibody in PBS with 0.05% sodium azide
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: 1/200 - 1/400; Elisa: 1/10000
Clone Number:	5F8