

RAP1A Ab

Cat.#: BF0304
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 21kDa
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, FCM 1/200 - 1/400
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	RAP1A Ab detects endogenous levels of total RAP1A.
Immunogen:	Purified recombinant fragment of human RAP1A expressed in E. Coli.
Uniprot:	P62834
Description:	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.
Subcellular Location:	Cell membrane.
Similarity:	Belongs to the small GTPase superfamily. Ras family.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

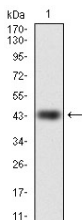


Figure 1: Western blot analysis using RAP1A mAb against human RAP1A (AA: 28-180) recombinant protein. (Expected MW is 43.2 kDa)

in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,
overnight.

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procedures. Not for resale without express authorization.