

Product datasheet

anti-RAP mouse monoclonal, 7F1, lyophilized w/o sodium azide, purified

Short overview

Cat. No.	61068
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	7F1
Immunogen	Human RAP
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
UniprotID	P62834 (Human)
Synonym	Ras-related protein Rap-1A, EC 3.6.5.2, C21KG, G-22K, GTP-binding protein smg p21A, Ras-related protein Krev-1, RAP1A, KREV1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, Receptor binding assay, WB
Reactivity	Human

Applications

Immunohistochemistry (IHC) - frozen	1:20
Immunohistochemistry (IHC) - paraffin	1:20 (microwave treatment recommended)
Receptor Binding Assays	Assay dependent
Western Blot (WB)	Assay dependent

Background

7F1 reacts with the 39 kDa RAP protein, which is cosynthesized with human LRP/a2MR (low density lipoprotein receptor-related protein / a2-macro-globulin receptor). It inhibits the binding of ligands, e.g. tPA, uPA, VLDL, lipoprotein lipase, and a2-macroglobulin-proteinase complexes to LRP/a2MR.

Product images



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References

Publication	Species	Application
Kounnas, M. Z., Argraves, W. S. & Strickland, D. K. The 39-kDa receptor-associated protein interacts with two members of the low density lipoprotein receptor family, alpha 2-macroglobulin receptor and glycoprotein 330. J. Biol. Chem. 267, 21162-6 (1992).	human	ICC-IF