

## Product datasheet

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

### Short overview

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

### Product description

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

### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	1:20
<b>Immunohistochemistry (IHC) - paraffin</b>	1:20 (microwave treatment recommended)
<b>Receptor Binding Assays</b>	Assay dependent
<b>Western Blot (WB)</b>	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
<a href="#">Kounnas, M. Z., Argraves, W. S. &amp; 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).</a>	human	ICC-IF