

Product datasheet

anti-LRP1 (85kDa) mouse monoclonal, 8B8, lyophilized w/o sodium azide, purified

Short overview

Cat. No.	61067
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	8B8
Immunogen	Human LRP/alpha-2MR
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.5% BSA in PBS buffer, pH 7.4)
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	ICC/IF, IHC, WB
Reactivity	Hamster, Human, Mouse, Rabbit, Rat

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:20
Immunohistochemistry (IHC) - paraffin	1:20 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

Background

8B8 specifically reacts with the 85 kDa beta-chain of human LRP/alpha-2MR which is expressed in a restricted spectrum of cell types (Herz & Strickland 2001). A strong immunohistochemical reaction is seen in hepato-cytes, tissue macrophages, subsets of neurones and astrocytes in the central nervous system, fibroblasts, smooth muscle cells, and monocyte-derived foam cells in athero-sclerotic lesions in the arterial wall. The antibody can also be used for the characterization of a subset of myelo-monocytic subtypes of chronic and acute leukemia (CD 91).

Herz J and Strickland DK: LRP, a multifunctional scavenger and signaling receptor. J. Clin. Invest. 108, 779-784 (2001)

Product images



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References

Publication	Species	Application
Strickland, D. K. et al. Sequence identity between the alpha 2-macroglobulin receptor and low density lipoprotein receptor-related protein suggests that this molecule is a multifunctional receptor. J. Biol. Chem. 265, 17401-4 (1990).	human	WB