

## Product datasheet for **BM5514**

### LRP1 Mouse Monoclonal Antibody [Clone ID: 5A6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5A6
Applications:	FC, IF, IHC, WB
Recommended Dilution:	<b>Immunoblotting.</b> <b>Flow Cytometry.</b> <b>Immunofluorescence.</b> <b>Immunohistochemistry</b> (Dilute 1/20). <b>Neutralizing</b> effects of 5A6 have also been reported (cf. Basu et al., 2001).
Reactivity:	Hamster, Human, Mouse, Rabbit, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human LRP/alpha2MR.
Specificity:	This monoclonal antibody 5A6 specifically reacts with the 85 kD beta-chain of LRP/alpha2MR which is expressed in a restricted spectrum of cell types (for a recent review cf. Herz & Strickland). A strong immunohistochemical reaction is seen in hepatocytes, tissue macrophages, subsets of neurones and astrocytes in the central nervous system, fibroblasts, smooth muscle cells, and monocyte-derived foam cells in atherosclerotic lesions in the arterial wall. The antibody can also be used for the characterization of a subset of myelomonocytic subtypes of chronic and acute leukemia (CD 91). Cross-reacts with rabbit LDL receptor-related protein (LRP) or mouse LRP.
Formulation:	Final solution contains 0.5% BSA in PBS buffer, pH 7.4 State: Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in 1 ml dist. water
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated



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**Storage:** For extended storage keep in aliquots at -20°C.  
Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**Gene Name:** LDL receptor related protein 1

**Database Link:** [Entrez Gene 4035 Human](#)  
[Q07954](#)

**Synonyms:** A2MR, APR, APOER