



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and Data Sheet

## Mouse Anti Low Density LRP (515 kDa)

<b>Catalog No.</b> MD-14-0416	<b>Isotype</b> IgG <sub>1</sub> , kappa
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<b>Description:</b>	Monoclonal Antibody to Human Low Density Lipoprotein Receptor-Related Protein (LRP), 515 kDa
<b>Specificity:</b>	Specifically reacts with the 515 kDa alpha-chain of human LRP/alpha <sub>2</sub> MR expressed in certain cell types. A strong immunohistochemical reaction is seen in hepatocytes, tissue macrophages, subsets of neurons and astrocytes in the CNS, fibroblasts, smooth muscle cells and monocyte-derived foam cells in atherosclerotic lesions of arterial walls.
<b>Host Animal:</b>	Mouse
<b>Source:</b>	Ascites
<b>Immunogen:</b>	Human LRP/alpha <sub>2</sub> MR
<b>Format:</b>	Purified, Liquid
<b>Purification:</b>	Protein A chromatography
<b>Concentration:</b>	1 mg/ml (OD280 nm, E <sup>0.1%</sup> = 1.36)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	0.05 M Sodium phosphate containing 0.1 M Sodium chloride, pH 7.4
<b>Preservative:</b>	None
<b>Applications:</b>	Western blot (non-reducing conditions): 1-5 µg/ml Immunohistochemistry using paraffin and frozen sections: 1-10 µg/ml Flow cytometry will recognize an epitope on the extracellular domain. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Storage:</b>	Upon receipt, aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### References:

The references listed below are for research purposes only.

- Strickland, et al., (1990), J. Biol. Chem., 265, 17401-17404
- Coukos, et al., (1994), Am. J. Pathology, 144, 383-392
- Rebeck, et al., (1993), Neuron, 11, 575-580.
- Gonias, et al., (1992), Am. J. Pathology, 141, 37-42
- Strickland, et al., (1995), FASEB J., 9, 890-898

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