

Product datasheet for **AM26802LE-N**

Mannose Receptor (MRC1) Mouse Monoclonal Antibody [Clone ID: 15-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	15-2
Applications:	FC, FN, IF, IHC, IP, WB
Recommended Dilution:	Flow cytometry. Immunoprecipitation. Western blot. Immunohistochemistry (frozen sections). Immunocytochemistry. Functional application: blocking.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified human mannose receptor
Specificity:	This antibody clone 15-2 (also known as MR15-2) recognizes CD206 (macrophage mannose receptor, MMR), a 162-175 kDa type I transmembrane protein expressed mainly on macrophages, dendritic cells and hepatic or lymphatic endothelial cells, but not on monocytes.
Formulation:	Azide free PBS, approx. pH 7.4; 0.2 µm filter sterilized State: Low Endotoxin State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: None
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.



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Gene Name: mannose receptor, C type 1

Database Link: [Entrez Gene 4360 Human P22897](#)

Background: CD206 (macrophage mannose receptor, MMR), also known as mannose receptor C1 (MRC1), is a type I transmembrane glycoprotein serving as pattern recognition receptor for carbohydrate groups on the surface of bacteria, fungi and other pathogens. Expressed mainly on tissue macrophages and dendritic cells, CD206 mediates endocytosis of these pathogens and presentation of their antigens to the adaptive immune system. CD206 can also be detected in a soluble form in human plasma and is elevated in patients with acute sepsis.

Synonyms: Macrophage mannose receptor, CLEC13D, CLEC13DL, MRC1L1