

RecomAb™

## MRC1 recombinant monoclonal antibody, clone R06-5I1

Catalog # RAB02119      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MRC1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MRC1.
Theoretical MW (kDa)	Calculated MW: 166 k
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot

### Gene Info — MRC1

<b>Entrez GeneID</b>	<a href="#">4360</a>
<b>Protein Accession#</b>	<a href="#">P22897</a>
<b>Gene Name</b>	MRC1
<b>Gene Alias</b>	CD206, CLEC13D, MMR
<b>Gene Description</b>	mannose receptor, C type 1
<b>Omim ID</b>	<a href="#">153618</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment. This gene is in close proximity to MRC1L1. The gene loci including this gene, MRC1L1, as well as LOC340843 and LOC340893, consist of two nearly identical, tandemly linked genomic regions, which are thought to be a part of a duplicated region. [provided by RefSeq]</p>
<b>Other Designations</b>	OTTHUMP00000019245 OTTHUMP00000045206 macrophage mannose receptor mannose receptor C type 1

## Disease

- [Alzheimer Disease](#)
- [Asthma](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Leprosy](#)
- [Sarcoidosis](#)