



Anti-MRC1 (aa 22-130) polyclonal antibody (DPAB-DC1944)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.[provided by RefSeq, Apr 2011]
Immunogen	MRC1 (NP_002429, 22 a.a. ~ 130 a.a) partial recombinant protein with GST tag. The sequence is TRQFLIYNEDHKRCVDAVSPSAVQTAACNQDAESQKFRWVSESQIMSVAFKLCLGVPSKT DWVAITLYACDSKSEFQKWECKNDTLLGIKGEDLFFNYGNRQEKNIMLY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MRC1 mannose receptor, C type 1 [Homo sapiens (human)]
Official Symbol	MRC1
Synonyms	MRC1; mannose receptor, C type 1; MMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1; macrophage mannose receptor 1; mannose receptor, C type 1-like 1; C-type lectin domain family 13 member D; macrophage mannose receptor 1-like protein 1;
Entrez Gene ID	4360
Protein Refseq	NP_002429
UniProt ID	P22897
Chromosome Location	10p12.33
Pathway	Adaptive Immune System; Class I MHC mediated antigen processing & Cross-presentation of soluble exogenous antigens (endosomes); Phagosome
Function	mannose binding; receptor activity;