

CD204 Recombinant monoclonal antibody

Catalog Number: 86552-3-RR

Basic Information

Catalog Number: 86552-3-RR	GenBank Accession Number: NM_001113326.1	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 20288	CloneNo.: 251367C1
Isotype: IgG	UNIPROT ID: P30204-1	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: EG4727	Full Name: macrophage scavenger receptor 1	
	Calculated MW: 50 kDa	
	Observed MW: 70-90 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse	WB : J774A.1 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0 ; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse lung tissue, mouse small intestine tissue

Background Information

MSR1, also known as scavenger receptor-A (SR-A) or cluster of differentiation 204 (CD204), was first described in 1979 by Brown and Goldstein. MSR1 is highly expressed in lung, arteries, and adipose tissue. MSR1 is predominantly expressed in various macrophage cell types and is mainly altered in macrophage-associated physiological and pathological processes including atherosclerosis, Alzheimer's disease, host defence, and cancer.

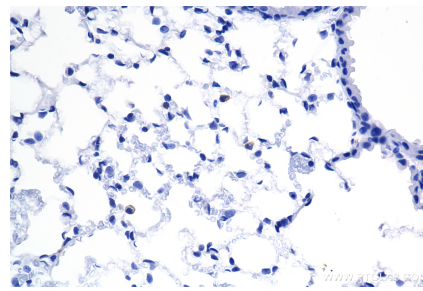
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



J774A.1 cells were subjected to SDS PAGE followed by western blot with 86552-3-RR (Msr1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 86552-3-RR (CD204 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).