

For Research Use Only

Mouse CD204 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86552-3-PBS



Basic Information

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|---|--|---|
| Catalog Number: 86552-3-PBS | GenBank Accession Number: NM_001113326.1 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 20288 | CloneNo.: 251367C1 |
| Source: Rabbit | UNIPROT ID: P30204-1 | |
| Isotype: IgG | Full Name: macrophage scavenger receptor 1 | |
| Immunogen Catalog Number: EG4727 | Calculated MW: 50 kDa | |
| | Observed MW: 70-90 kDa | |

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
mouse

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

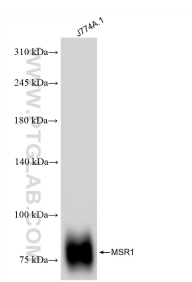
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

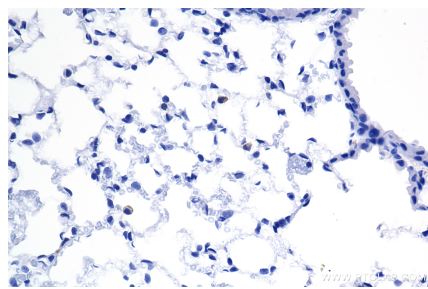
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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. This data was developed using the same antibody clone with 86552-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86552-3-PBS in a different storage buffer formulation.