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MMD Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP5167a

Specification

MMD Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q15546

MMD Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 23531

Other Names
Monocyte to macrophage differentiation factor, Progestin and adipoQ receptor family member 11, Progestin and adipoQ receptor family member XI, MMD, PAQR11

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MMD Antibody (N-term) Blocking Peptide - Protein Information

Name MMD (HGNC:7153)

Function
Involved in the dynamics of lysosomal membranes associated with microglial activation following brain lesion.

Cellular Location
Late endosome membrane; Multi-pass membrane protein. Lysosome membrane; Multi- pass membrane protein

Tissue Location
Exhibits relatively ubiquitous expression with preferential expression in mature (in vitro differentiated) macrophages.

MMD Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

MMD Antibody (N-term) Blocking Peptide - Images

MMD Antibody (N-term) Blocking Peptide - Background

MMD is expressed by in vitro differentiated macrophages but not freshly isolated monocytes. Although sequence analysis identifies seven potential transmembrane domains, this protein has little homology to G-protein receptors and it has not been positively identified as a receptor. A suggested alternative function is that of an ion channel protein in maturing macrophages.

MMD Antibody (N-term) Blocking Peptide - References

Tang, Y.T., et al. J. Mol. Evol. 61(3):372-380(2005)Rehli, M., et al. Biochem. Biophys. Res. Commun. 217(2):661-667(1995)