

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

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