

MRC2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16060c**Specification**

MRC2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9UBG0](#)**MRC2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9902**Other Names**

C-type mannose receptor 2, C-type lectin domain family 13 member E, Endocytic receptor 180, Macrophage mannose receptor 2, Urokinase-type plasminogen activator receptor-associated protein, UPAR-associated protein, Urokinase receptor-associated protein, CD280, MRC2, CLEC13E, ENDO180, KIAA0709, UPARAP

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.

MRC2 Antibody (Center) Blocking Peptide - Protein Information**Name** MRC2**Synonyms** CLEC13E, ENDO180, KIAA0709, UPARAP**Function**

May play a role as endocytotic lectin receptor displaying calcium-dependent lectin activity. Internalizes glycosylated ligands from the extracellular space for release in an endosomal compartment via clathrin-mediated endocytosis. May be involved in plasminogen activation system controlling the extracellular level of PLAU/PLAU, and thus may regulate protease activity at the cell surface. May contribute to cellular uptake, remodeling and degradation of extracellular collagen matrices. May play a role during cancer progression as well as in other chronic tissue destructive diseases acting on collagen turnover. May participate in remodeling of extracellular matrix cooperating with the matrix metalloproteinases (MMPs).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Ubiquitous with low expression in brain, placenta, lung, kidney, pancreas, spleen, thymus and colon. Expressed in endothelial cells, fibroblasts and macrophages. Highly expressed in fetal lung and kidney.

MRC2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MRC2 Antibody (Center) Blocking Peptide - Images

MRC2 Antibody (Center) Blocking Peptide - Background

MRC2 is a recycling endocytic receptor that functions in cell motility and remodeling of the extracellular matrix by promoting cell migration and uptake of collagens for intracellular degradation (Wienke et al., 2007 [PubMed 17974964]). [supplied by OMIM].

MRC2 Antibody (Center) Blocking Peptide - References

Messaritou, G., et al. J. Cell. Sci. 122 (PT 22), 4042-4048 (2009) : Wu, X., et al. Cancer Prev Res (Phila Pa) 2(7):617-624(2009) Wienke, D., et al. Cancer Res. 67(21):10230-10240(2007) Sulek, J., et al. J. Histochem. Cytochem. 55(4):347-353(2007) Johnson, J.M., et al. Science 302(5653):2141-2144(2003)