

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) Recombinant Antibody Catalog # APR10980

Specification

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW

FC, Kinetics, Animal Model <u>O9UBG0</u> Human Monoclonal IgG1 150 KDa

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) - Additional Information

Target/Specificity MRC2 / CD280

Endotoxin < 0.001EU/ μg,determined by LAL method.

Conjugation Unconjugated

Expression system CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) - 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 PLAUR/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.

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) - Images



Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%





The purity of Anti-MRC2 / CD280 Reference Antibody (Copenhagen Rigshospitalet patent anti-uPARAP) is more than 95% ,determined by SEC-HPLC.