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CD109 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP10639a

Specification

CD109 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q6YHK3
Other Accession	NP_001153059.1, NP_001153060.1, NP_598000.2

CD109 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 135228

Other Names
CD109 antigen, 150 kDa TGF-beta-1-binding protein, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7, Platelet-specific Gov antigen, p180, r150, CD109, CD109, CPAMD7

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.

CD109 Antibody (N-term) Blocking Peptide - Protein Information

Name CD109

Synonyms CPAMD7

Function
Modulates negatively TGFB1 signaling in keratinocytes.

Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor

Tissue Location
Widely expressed with high level in uterus, aorta, heart, lung, trachea, placenta and in fetal heart, kidney, liver, spleen and lung. Expressed by CD34(+) acute myeloid leukemia cell lines, T-cell lines, activated T-lymphoblasts, endothelial cells and activated platelets. Isoform 4 is expressed in placenta. Isoform 1 is expressed in keratinocytes and placenta.

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CD109 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CD109 Antibody (N-term) Blocking Peptide - Images

CD109 Antibody (N-term) Blocking Peptide - Background

Involved in the maturation of specific proteins in the endoplasmic reticulum. May be required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway (By similarity).

CD109 Antibody (N-term) Blocking Peptide - References

Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :