

CD248 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6756b**Specification**

CD248 Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	O9HCU0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	625-654

CD248 Antibody (C-term) - Additional Information**Gene ID** 57124**Other Names**

Endosialin, Tumor endothelial marker 1, CD248, CD248, CD164L1, TEM1

Target/Specificity

This CD248 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 625-654 amino acids from the C-terminal region of human CD248.

Dilution

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CD248 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CD248 Antibody (C-term) - Protein Information**Name** CD248**Synonyms** CD164L1, TEM1

Function Cell surface glycoprotein involved in various biological processes including angiogenesis, immune response modulation, and tissue remodeling and repair. Participates in pericyte proliferation through positive modulation of the PDGF receptor signaling pathway (PubMed:[20484976](#)). Acts as a scaffold for factor X, triggering allosteric changes and the spatial re-alignment of factor X with the TF-factor VIIa complex, thereby enhancing coagulation activation. Modulates the insulin signaling pathway by interacting with insulin receptor/INSR and by diminishing its capacity to be autophosphorylated in response to insulin. Also regulates LPS-induced inflammatory response in macrophages by favoring the production of proinflammatory cytokines. In human, negatively regulates T-cell proliferation compared with stromal cells where it increases proliferation (PubMed:[21466550](#)).

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Expressed in tumor endothelial cells but absent or barely detectable in normal endothelial cells. Expressed in metastatic lesions of the liver and during angiogenesis of corpus luteum formation and wound healing. Expressed in vascular endothelial cells of malignant tumors but not in normal blood vessels. Expressed in stromal fibroblasts. Strongly expressed in pericytes (PubMed:20484976) Expressed on stromal cells and cells with lymphoid morphology such as T- cells (PubMed:21466550).

CD248 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD248 Antibody (C-term) - Images

CD248 Antibody (C-term) - Background

CD248 is believed to play a role in tumor angiogenesis. CD248 is being investigated as a potential target for cancer treatment.

CD248 Antibody (C-term) - References

Bagley, R.G., et al., Microvasc. Res. 76 (3), 180-188 (2008)