



CD248 Monoclonal Antibody

Catalog No	YP-mAb-13999
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD248
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD248. AA range:341-390
Specificity	CD248 Monoclonal Antibody detects endogenous levels of CD248 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD248;TEM1;CD164L1;CD248 molecule;endosialin;Tumor endothelial marker 1
Observed Band	80kD
Calculated Molecular Weight	80kD
Cell Pathway	Membrane ; Single-pass type I membrane protein .
Tissue Specificity	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.
Function	function:May play a role in tumor angiogenesis.,online information:Endosialin, PTM:May be N-glycosylated.,PTM:O-glycosylated with sialylated oligosaccharides.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 Sushi (CCP/SCR) domain.,tissue specificity: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.,

Background

function:May play a role in tumor angiogenesis.,online information:Endosialin,
PTM:May be N-glycosylated.,PTM:O-glycosylated with sialylated
oligosaccharides.,similarity:Contains 1 C-type lectin domain.,similarity:Contains
1 EGF-like domain.,similarity:Contains 1 Sushi (CCP/SCR) domain.,tissue
specificity: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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD248 Monoclonal Antibody