

Anti-TEM7 antibody



Description	Rabbit polyclonal to TEM7.
Model	STJ95966
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human TEM7
Immunogen Region	40-120 aa, Internal
Gene ID	57125
Gene Symbol	PLXDC1
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	TEM7 Polyclonal Antibody detects endogenous levels of TEM7 protein.
Tissue Specificity	Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue. Expressed in fibrovascular membrane with increased expression in individuals with proliferative diabetic retinopathy.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Plexin domain-containing protein 1 Tumor endothelial marker 3 Tumor endothelial marker 7

Molecular Weight	55.76 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:209450 MIM:606826
Alternative Names	Plexin domain-containing protein 1 Tumor endothelial marker 3 Tumor endothelial marker 7
Function	Plays a critical role in endothelial cell capillary morphogenesis.
Cellular Localization	Isoform 1: Cell membrane. Single-pass type I membrane protein. Cell junction, tight junction. Localized predominantly at the tight junctions of vascular endothelial cells and to a lesser extent at the luminal surface of vascular endothelial cells.. Isoform 2: Secreted Isoform 3: Secreted Isoform 4: Cytoplasm
Post-translational Modifications	N-glycosylated.