Immunotag™ TEM7 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4601
Product Description	Immunotag™ TEM7 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TEM7
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human PLXDC1. AA range:71-120
Specificity	TEM7 Polyclonal Antibody detects endogenous levels of TEM7 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PLXDC1
Accession No.	Q8IUK5 Q91ZV7
Alternate Names	PLXDC1; TEM3; TEM7; Plexin domain-containing protein 1; Tumor endothelial marker 3; Tumor endothelial marker 7
Description	PTM:N-glycosylated.,similarity:Belongs to the plexin family.,subunit:May interact with cortactin.,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.,

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Protein Expression	Cerebellum,Endothelial cell,Testis,
Subcellular Localization	extracellular region,extracellular space,intracellular,cytoplasm,plasma membrane,bicellular tight junction,integral component of membrane,dendrite,neuronal cell body,receptor complex,
Protein Function	PTM:N-glycosylated.,similarity:Belongs to the plexin family.,subunit:May interact with cortactin.,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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.