

TEM1 Rabbit pAb

Catalog Number: bs-2101R

Target Protein: TEM1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Dog, Horse)

Predicted MW: 80 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 57124

Swiss Prot: Q9HCU0

Source: KLH conjugated synthetic peptide derived from human TEM 1: 251-350/757.

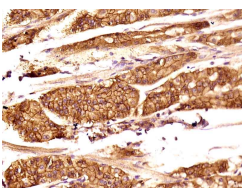
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The transmembrane glycoprotein Tumor endothelial marker 1 (TEM1) is highly expressed in tumor endothelial cells however it is barely detectable on normal endothelial cells. It is believed to play a role in tumor angiogenesis. It is expressed in stromal fibroblasts, metastatic hepatic lesions and during angiogenesis of corpus luteum formation and wound healing. TEM1 is being investigated as a potential target for cancer treatment.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Human stomach carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TEM1) Polyclonal Antibody, Unconjugated (bs-2101R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.919] Tao Xu. et al. CD248 as a novel therapeutic target in pulmonary arterial hypertension. Clin Transl Med. 2020 Sep;10(5):e175
FCM ; Rat . 32997414

[IF=2.19] Taguchi K et al. Isolation of tumor endothelial cells from murine cancer. (2018)Journal of Immunological Methods. Nov 3. IF ;
Mouse . 30395818