bs-2101R

[Primary Antibody]



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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

TEM1 Rabbit pAb

GenelD: 57124 SWISS: Q9HCU0

Target: TEM1

Immunogen: KLH conjugated synthetic peptide derived from human TEM 1:

251-350/757. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

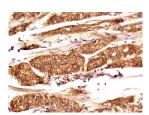
Reactivity: Human (predicted: Mouse,

Rat, Pig, Cow, Dog, Horse)

Predicted MW.: 80 kDa

Subcellular Location: Cell membrane

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.

— SELECTED CITATIONS ——

- [IF=20.4] Michelle Griffin. et al. Multi-omic analysis reveals retinoic acid molecular drivers for dermal fibrosis and regenerative repair in the skin. CELL STEM CELL. 2025 八月 14 FC; Mouse. 40816279
- [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