

bs-0531R**[Primary Antibody]****Matriptase Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ICC/IF (1:25)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat)
GeneID: 164656	SWISS: Q8IU80	
Target: Matriptase		Predicted MW.: 94 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Matriptase: 11-100/855. < Cytoplasmic >		Subcellular Location: Cell membrane
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 protein encoded by this gene is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate hepatocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis.		

— SELECTED CITATIONS —

- **[IF=2.608]** Kim S et al. Capsaicin induces atopic dermatitis-like manifestations through dysregulation of proteolytic system and alteration of filaggrin processing in rats. Exp Dermatol. 2018 Apr;27(4):332-339. WB ;Rat. 29509988