
Matriptase Rabbit pAb

Catalog Number: bs-0531R
Target Protein: Matriptase
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: ICC/IF (1:25)
Reactivity: Human (predicted:Mouse, Rat)
Predicted MW: 94 kDa
Entrez Gene: 164656
Swiss Prot: Q8IU80
Source: KLH conjugated synthetic peptide derived from human Matriptase: 11-100/855.
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 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.

PRODUCT SPECIFIC PUBLICATIONS

[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