

Matriptase Polyclonal Antibody

CATALOG #:	3855-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 629 of rat Matriptase (Internal ID# BV-A33).
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

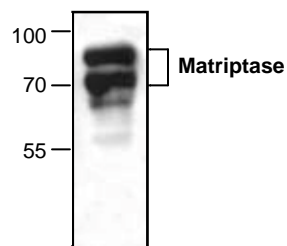
Matriptase or MT-SP1 is an epithelial-derived type II transmembrane serine protease that is highly expressed in human cancer-derived cell lines. Matriptase cleaves and activates protease activated receptor-2, pro-urokinase plasminogen activator and pro-hepatocyte growth factor. Matriptase is strongly inhibited by the hepatocyte growth factor activator inhibitor type 1 (HAI-1), which is a reactive site loop of Kunitz domain and also a transmembrane serine protease inhibitor.

SPECIFICITY:

The antibody recognizes ~75 kDa doublets of Matriptase in samples from human, mouse and rat, origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3855BP-50) is available separately.



Cat. #:3855-100
Western blot analysis of Matriptase expression with Jurkat cell lysate.

RELATED PRODUCTS:

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- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
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Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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