

Product Datasheet

Matriptase/ST14 Antibody - BSA Free NB100-2308

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 6

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Updated 9/9/2025 v.20.1

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NB100-2308

Matriptase/ST14 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	95 kDa

Product Description	
Description	Novus Biologicals Rabbit Matriptase/ST14 Antibody - BSA Free (NB100-2308) is a polyclonal antibody validated for use in WB and IP. Anti-Matriptase/ST14 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6768
Gene Symbol	ST14
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 800 and the C-terminus (residue 855) of human Membrane-type serine protease 1 using the numbering given in SwissProt entry Q9Y5Y6 (GeneID 6768).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 - 10 ug/mg lysate

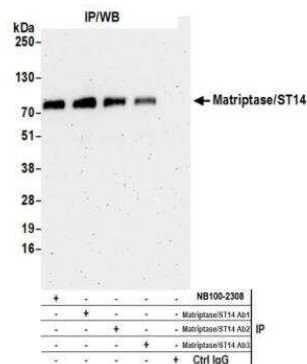


Images

Western Blot: Matriptase/ST14 Antibody [NB100-2308] - Detection of Human Matriptase/ST14 by Western Blot. Samples: Whole cell lysate (50 ug) from MCF7, OVCAR4 [OV], SW620 [SW], RPMI8266 [RPMI], and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Matriptase/ST14 antibody NB100-2308 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: Matriptase/ST14 Antibody [NB100-2308] - Detection of human Matriptase/ST14 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from MCF-7 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Matriptase/ST14 antibody NB100-2308 used for IP at 6 ug per reaction. Matriptase/ST14 was also immunoprecipitated by Rabbit anti-Matriptase/ST14 antibodies A, B and C. For blotting immunoprecipitated Matriptase/ST14, NB100-2308 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Wadhawan V, Kolhe YA, Sangith N et al. From prediction to experimental validation: desmoglein 2 is a functionally relevant substrate of matriptase in epithelial cells and their reciprocal relationship is important for cell adhesion. *Biochem J* 2012-10-01 [PMID: 22783993]

Welman A, Sproul D, Mullen P et al. Diversity of matriptase expression level and function in breast cancer. *PLoS One* 2012-01-01 [PMID: 22514623]

Xu H, Xu Z, Tseng IC et al. Mechanisms for the control of matriptase activity in the absence of sufficient HAI-1. *Am J Physiol Cell Physiol* 2012-01-01 [PMID: 22031598]

Desilets A, Beliveau F, Vandal G et al. Mutation G827R in matriptase causing autosomal recessive ichthyosis with hypotrichosis yields an inactive protease. *J Biol Chem* 2008-04-01 [PMID: 18263585]

Mildner M, Ballaun C, Stichenwirth M et al. Gene silencing in a human organotypic skin model. *Biochem Biophys Res Commun* 2006-09-01 [PMID: 16875670]

Desilets A, Longpre JM, Beaulieu ME et al. Inhibition of human matriptase by eglin c variants. *FEBS Lett* 2006-04-01 [PMID: 16566926]



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Products Related to NB100-2308

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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