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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ST14 monoclonal antibody (M05), clone 2F4

Catalog # : H00006768-M05

規格 : [100 ug]

List All

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant ST14.

Immunogen: ST14 (NP_068813, 298 a.a. ~ 400 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence: PPSYNLTFHSSQNVLLITLITNTERRHPGFEATFFQLPRMSSCGGRLRKA
QGTFNSPYYPGHYPPNIDCTWNIEVPNNQHVKVRFKFFYLLEPGVPAGT
CPKD

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

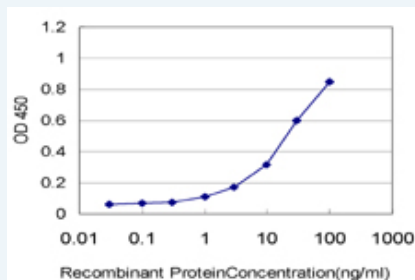
Datasheet:  [Download](#)

Publication Reference


1. [Novel surface targets and serum biomarkers from the ovarian cancer vasculature.](#) Sasaroli D, Gimotty PA, Pathak HB, Hammond R, Kougioumtzidou E, Katsaros D, Buckanovich R, Devarajan K, Sandaltzopoulos R, Godwin AK, Scholler N, Coukos G. *Cancer Biol Ther.* 2011 Aug 1;12(3):169-80. Epub 2011 Aug 1.

Applications

Sandwich ELISA (Recombinant protein)



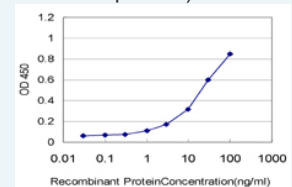
Detection limit for recombinant GST tagged ST14 is approximately 1ng/ml as a capture antibody.


 [Protocol Download](#)

ELISA

Application Image

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA

Gene Information

Entrez GeneID: [6768](#)

**GeneBank
Accession#:** [NM_021978](#)

**Protein
Accession#:** [NP_068813](#)

Gene Name: ST14

Gene Alias: HAI,MT-SP1,MTSP-1,MTSP1,PRSS14,SNC19,TADG-15

**Gene
Description:** suppression of tumorigenicity 14 (colon carcinoma)

Omim ID: [606797](#), [610765](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

**Other
Designations:** epithin,matriptase,membrane-type serine protease,serine protease TADG-15,suppression of tumorigenicity 14,suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin),tumor associated differentially expressed gene 15 protein

Related Disease

[Tobacco Use Disorder](#)