

## DATASHEET

# Hepsin Mouse Monoclonal Antibody(2D5)

CAT. NO. AMA03703

### KEY FEATURES

Target	Hepsin	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

### BACKGROUND

Serine protease that cleaves extracellular substrates, and contributes to the proteolytic processing of growth factors, such as HGF and MST1/HGFL . Plays a role in cell growth and maintenance of cell morphology . Plays a role in the proteolytic processing of ACE2 . Mediates the proteolytic cleavage of urinary UMOD that is required for UMOD polymerization .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to Hepsin
Specificity	Recognizes human Hepsin
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human HPN
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	TMPRSS1; Serine protease hepsin; Transmembrane protease serine 1
Gene Symbol	HPN
Entrez Gene	3249(Human)
SwissProt	P05981(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**| DATA****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**| NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.