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Datasheet for ABIN3031676

## anti-MST1 antibody (AA 454-483)



**Images** 



Go to Product page

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Overview	
Quantity:	0.4 mL
Target:	MST1
Binding Specificity:	AA 454-483
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MST1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 454-483 from the human protein was used as the immunogen for this
	MST1 antibody.
Isotype:	lg Fraction
Purification:	Antigen affinity purified
Target Details	
Target:	MST1
Alternative Name:	MST1 (Hepatocyte Growth Factor-Like Protein) (MST1 Products)
Background:	The protein encoded by this gene contains four kringle domains and a serine protease domain,
	similar to that found in hepatic growth factor. Despite the presence of the serine protease
	domain, the encoded protein may not have any proteolytic activity. The receptor for this protein

## **Target Details**

is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung
cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by
disulfide bonds.

UniProt:

P26927

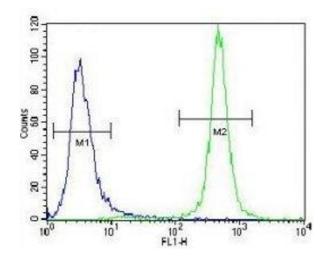
## **Application Details**

Application Notes:	Titration of the MST1 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow
	Cytometry: 1:10-1:50
Restrictions:	For Research Use only

## Handling

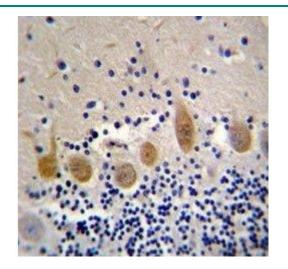
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the MST1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

### **Images**



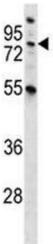
## **Flow Cytometry**

**Image 1.** MST1 antibody flow cytometric analysis of NCI-H460 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



### **Immunohistochemistry**

**Image 2.** MST1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue.



#### **Western Blotting**

**Image 3.** MST1 antibody western blot analysis in NCI-H460 lysate. Predicted molecular weight ~80 kDa.

Please check the product details page for more images. Overall 5 images are available for ABIN3031676.