Anti-SEMA4F antibody

Cat. No.	ml223116
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-SEMA4F rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human SEMA4F
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

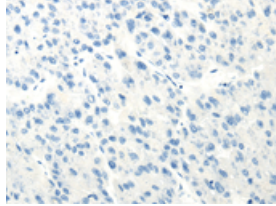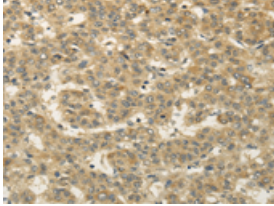|	
Symbol	SEMA4F
Full name	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4F
Synonyms	S4F; SEMAM; SEMAW; M-SEMA; PRO2353; m-Sema-M
Swissprot	O95754

Target Background

This gene encodes a transmembrane class IV semaphorin family protein, which plays a role in neural development. This gene may be involved in neurogenesis in prostate cancer, the development of neurofibromas, and breast cancer tumorigenesis. Alternative splicing results in multiple transcript variants.

Applications

Immunohistochemistry
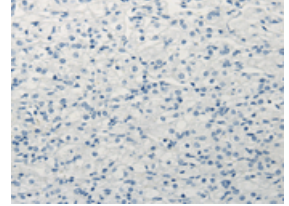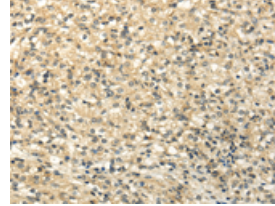
Predicted cell location: Cell membrane	Predicted cell location: Cell membrane
Positive control: Human liver cancer	Positive control: Human prostate cancer
Recommended dilution: 25-100	Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml223116(SEMA4F Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml223116(SEMA4F Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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