TMPRSS11F Conjugated Antibody

Catalog No: #C40254

Package Size: #C40254-AF350 100ul #C40254-AF405 100ul #C40254-AF488 100ul #C40254-AF555 100ul #C40254-AF594 100ul #C40254-AF647 100ul #C40254-AF680 100ul #C40254-AF750 100ul #C40254-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TMPRSS11F Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TMPRSS11F protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human transmembrane protease, serine 11F
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Accession No.	Swiss-Prot#:Q6ZWK6NCBI Gene ID:389208NCBI mRNA#:NCBI Protein#:NP_997290
Uniprot	Q6ZWK6
GeneID	389208;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	49
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

TMPRSS11F is a type-II transmembrane protease, similar to hepsin (TMPRSS1). TMPRSS11F is a member of a larger family of membrane attached serine proteases, a poorly defined group that includes TMPRSS11A, B, C, D, E, F, Hepsin, Corin, Matriptase-1, 2 and 3. TMPRSS11F has a domain structure of an aminoterminal cytoplasmic domain, followed by a transmembrane domain, a SEA domain (Sea urchin sperm protein, Enterokinase, Agrin), a short spacer, then the trypsin-like serine protease domain. The SEA domain is thought to play a role in carbohydrate binding in the analogous protein sequences where it is found, but its role in TMPRSS11F is unclear. The cleavage of the Arg206-Ile207 bond is thought to liberate the catalytic domain.

Note: This product is for in vitro research use only