

**Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029)
Recombinant Antibody
Catalog # APR11068****Specification**

Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) - Product Information

Application	FC, E, FTA
Primary Accession	P19075
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) - Additional Information**Target/Specificity**
TSPAN8**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □Avoid repeated freeze-thaw cycles.**Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) - Protein Information****Name** TSPAN8**Synonyms** TM4SF3**Function**
Structural component of specialized membrane microdomains known as tetraspanin-enriched microdomains (TERMs), which act as platforms for receptor clustering and signaling (PubMed:27180357, PubMed:36078095). Participates thereby in diverse biological functions such as cell signal transduction, migration and protein trafficking (PubMed:25761241)

target="_blank">25761241). Promotes ADAM17-mediated TNF-alpha processing through recruitment of ADAM17 to tetraspanin-enriched micro-domains (TEMs) (PubMed:36078095). Forms a complex with RICTOR and integrin alpha3/ITGA3 to mediate mTORC2 activation and AKT1 phosphorylation leading to cell migration (PubMed:25761241). Reduces apoptosis and autophagy induced by high glucose levels through forming a complex with mTOR and RICTOR (PubMed:35904232). Contributes to the maintenance of intestinal epithelial barrier and plays a role in the regulation of intestine inflammation by switching interferon gamma receptor 1/IFNGR1 from clathrin-dependent to lipid raft-dependent endocytosis route to limit STAT1 activation magnitude and duration (PubMed:37204469). Acts as a modulator of the endothelin axis by associating with endothelin converting enzyme ECE1 and regulating its activity of conversion of the endothelin-1 precursor to endothelin (PubMed:37835445).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

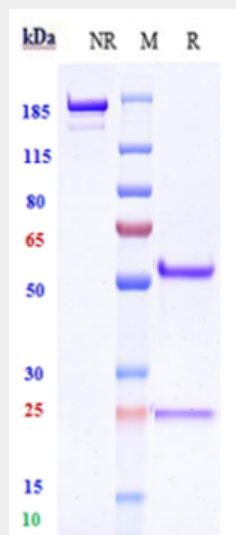
Gastric, colon, rectal, and pancreatic carcinomas.

Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) - Protocols

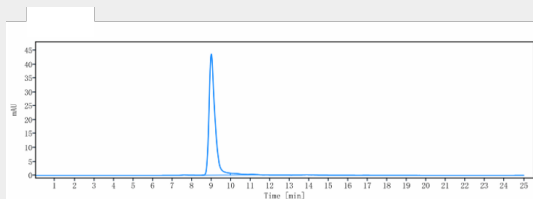
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) - Images



Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TSPAN8 Reference Antibody (INSERM patent anti-CO-029) is more than 95% ,determined by SEC-HPLC.