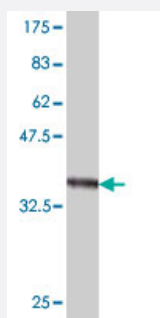


TMPRSS3 monoclonal antibody (M01), clone 2E1

Catalog # H00064699-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (36.67 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TMPRSS3.
Immunogen	TMPRSS3 (NP_076927, 119 a.a. ~ 214 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VFTAASWKTMCSDDWKGYANVACAQLGFPSYVSSDNLRVSSLEGQFREEFVSIHLLPDDKV TALHHSVYVREGCASGHVVTLQCTACGHRRGYS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.67 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TMPRSS3

Entrez GeneID [64699](#)

GeneBank Accession# [NM_024022](#)

Protein Accession# [NP_076927](#)

Gene Name TMPRSS3

Gene Alias DFNB10, DFNB8, ECHOS1, TADG12

Gene Description transmembrane protease, serine 3

Omim ID [601072 605316 605511](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease domain, a transmembrane domain, a LDL receptor-like domain, and a scavenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive deafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be involved in the development and maintenance of the inner ear or the contents of the perilymph and endolymph. This gene was also identified as a tumor associated gene that is overexpressed in ovarian tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations OTTHUMP00000109345|serine protease TADG12

Publication Reference

- [A novel genome-based approach correlates TMPRSS3 overexpression in ovarian cancer with DNA hypomethylation.](#)

Guerrero K, Wang Z, Bachvarova M, Gregoire J, Renaud MC, Plante M, Bachvarov D.

Gynecologic Oncology 2012 Jun; 125(3):720.

Application: WB-Ce, Human, SKOV3, OVCAR3 cells

Disease

- [Deafness](#)
- [Syndrome](#)