

Datasheet for ABIN7319894
TACSTD2 Protein (His tag,Biotin)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	TACSTD2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TACSTD2 protein is labelled with His tag,Biotin.

Product Details

Purpose:	Recombinant Human Tumor-associated Calcium Signal Transducer 2/TROP-2 (C-Avi-6His) Biotinylated
Sequence:	His27-Thr274
Characteristics:	Biotinylated Recombinant Human Tumor-associated Calcium Signal Transducer 2 is produced by our Mammalian expression system and the target gene encoding His27-Thr274 is expressed with a 6His tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Biotinylated Human TROP-2-Avi-His(Cat#CY65) at 2µg/ml (100 µl/well) can bind Anti-Human TROP-2 mAb. The ED50 of Anti-Human TROP-2 mAb is 17.1 ng/ml.

Target Details

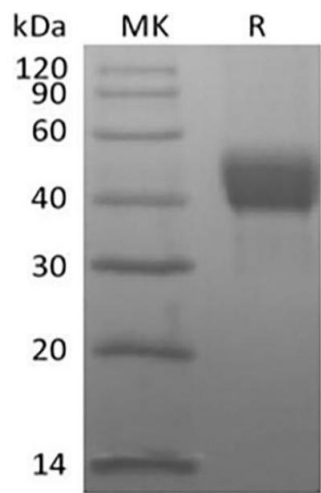
Target:	TACSTD2
Alternative Name:	TROP-2 (TACSTD2 Products)
Background:	<p>Background: Tumor associated calcium signal transducer 2 (TACSTD2, TROP-2) is a type I cell surface glycoprotein that is highly expressed on human carcinomas. It was originally identified as an antigen present on human gastrointestinal tumors and is the second of two members of this family. Human and mouse TROP-2 share 87 % amino acid (aa) similarity. TROP-2 is capable of transducing an intracellular calcium signal and may play a role in tumor growth. It also has adhesive functions.</p> <p>Synonym: Tumor-associated calcium signal transducer 2, Membrane component chromosome 1 surface marker 1, Cell surface glycoprotein Trop-2, TACSTD2, TROP2</p>
Molecular Weight:	30.5 kDa
UniProt:	P09758

Application Details

Comment:	40-60 kDa
Restrictions:	For Research Use only

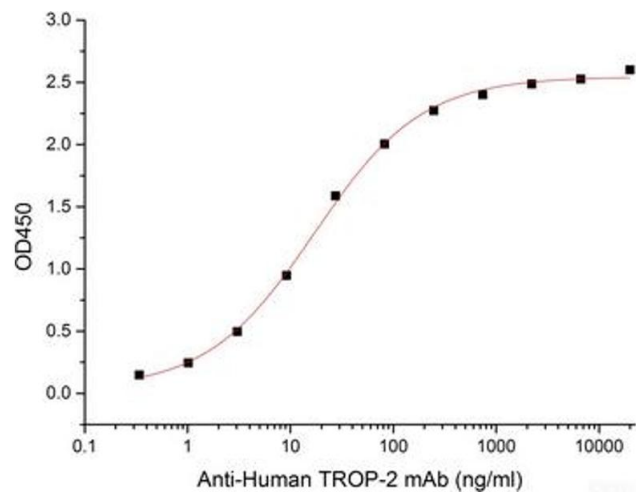
Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>



Western Blotting

Image 1.



ELISA

Image 2.