

For Research Use Only



CoraLite® Plus 488-conjugated TACSTD2/TROP2 Recombinant monoclonal antibody

Catalog Number: **CL488-86155**

Basic Information

Catalog Number: CL488-86155	GenBank Accession Number: BC009409	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4070	CloneNo.: 250382C9
Source: Rabbit	UNIPROT ID: P09758	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: tumor-associated calcium signal transducer 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG3329	Calculated MW: 36 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HaCaT cells,
Species Specificity: human	

Background Information

Trophoblast cell surface antigen 2 (TROP2), also named as TACSTD2, is a transmembrane glycoprotein. TROP2 plays a role in transducing intracellular calcium signals. It is expressed in trophoblast cells, cornea and multi-stratified epithelia. TROP2 is overexpressed in most carcinomas and is involved in cancer proliferation, migration, invasion, and metastasis. Congenital mutations of TROP2 cause a rare autosomal recessive disease which may lead to blindness-the gelatinous drop-like corneal disease (PMID: 35688908).

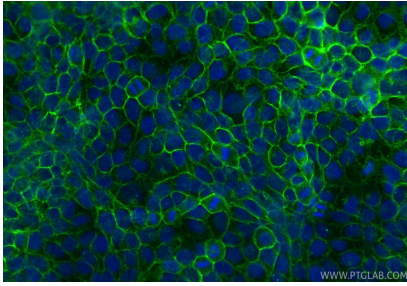
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)
fixed HaCaT cells using CoraLite® Plus 488
TACSTD2/TROP2 antibody (CL488-86155, Clone:
250382C9) at dilution of 1:200.