

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
Source: Rabbit	GeneID (NCBI): 4070	CloneNo.: 250382C9
Isotype: IgG	UNIPROT ID: P09758	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG3329	Full Name: tumor-associated calcium signal transducer 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	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: 4006900926

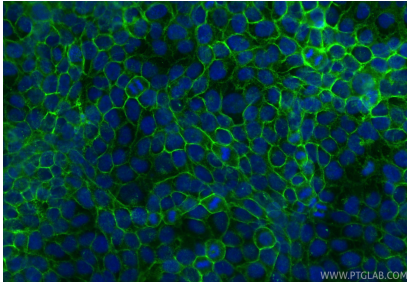
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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.