

# TROP-2 (PT1308R) PT™ Rabbit mAb

CatalogNo: YM9150 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, ELISA

### MW

- 36kD (Calculated)
- 45-65kD (Observed)

### Isotype

- IgG, Kappa

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

## Recommended Dilution Ratios

**IHC 1:200-1:1000****WB 1:10000-1:50000****IF 1:200-1:1000****ELISA 1:5000-1:20000**

## Basic Information

**Clonality** Monoclonal**Clone Number** PT1308R

## Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** TACSTD2

**Protein Name** Tumor-associated calcium signal transducer 2

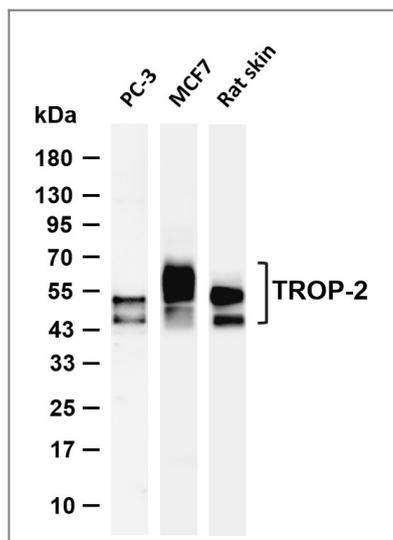
Organism	Gene ID	UniProt ID
Human	<a href="#">4070</a> ;	<a href="#">P09758</a> ;
Mouse	<a href="#">56753</a> ;	<a href="#">Q8BGV3</a> ;
Rat	<a href="#">494343</a> ;	<a href="#">Q6P9Z6</a> ;

**Cellular Localization** Membrane; Single-pass type I membrane protein.

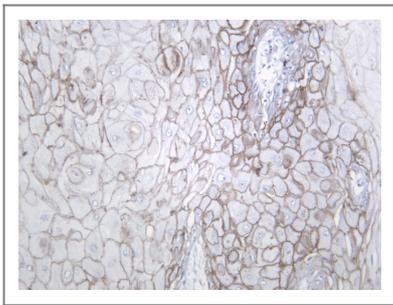
**Tissue specificity** Placenta, pancreatic carcinoma cell lines.

**Function** Disease:Defects in TACSTD2 are the cause of gelatinous drop-like corneal dystrophy (GDLD) [MIM:204870]; also known as lattice corneal dystrophy type III. GDLD is an autosomal recessive disorder characterized by grayish corneal amyloid deposits that cause severe visual impairment.,Function:GA733 tumor-associated antigen gene family may function as growth factor receptors.,PTM:The N-terminus is blocked.,similarity:Contains 1 thyroglobulin type-1 domain.,tissue specificity:Placenta, pancreatic carcinoma cell lines.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TROP-2 (PT1308R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: PC-3 Lane 2: MCF7 Lane 3: Rat skin Predicted band size: 36kDa Observed band size: 45-65kDa



Human skin squamous cell carcinoma was stained with anti-TROP-2 (PT1308R) Rabbit antibody

## | Contact information

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Please scan the QR code to access additional product information:  
**TROP-2 (PT1308R)**  
**PT™ Rabbit mAb**

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