

TROP2/TACSTD2 Monoclonal Antibody

catalog number: AN200176P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

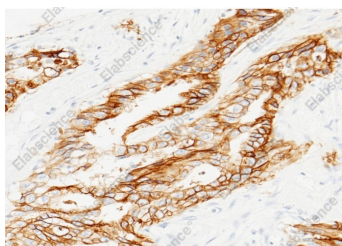
Reactivity	Human
Immunogen	Recombinant Human TROP2 protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A1028
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

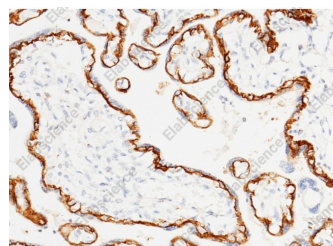
Recommended Dilution

WB	1:500-1:2000
IHC-P	1:100-1:500
ICC/IF	1:20-1:100
FCM	1:25-1:100

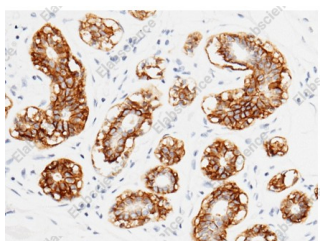
Data



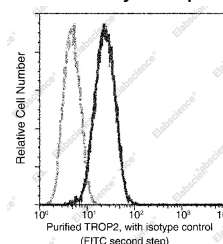
Immunohistochemistry of paraffin-embedded human rectal cancer using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human placenta using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:60. Positive staining was localized to membrane of cytotrophoblast.



Immunohistochemistry of paraffin-embedded human mammary gland using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:200. Positive staining was localized to membrane of alveolus epithelium.



Flow cytometric analysis of human TROP2 expression on MCF-7 cells. Cells were stained with purified anti-Human TROP2, then a FITC-conjugated second step antibody. The histogram were derived from gated events with the forward and side light-scatter characteristics of intact cells.

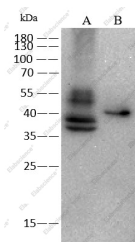
For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

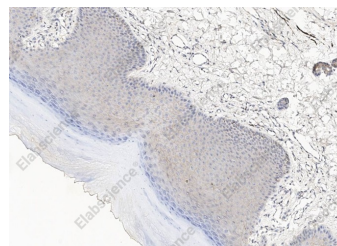
Tel: 1-832-243-6086
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Rev. V1.2



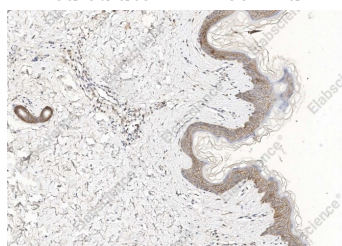
Western Blot with TROP2 Monoclonal Antibody at dilution of 1:500. Lane A: MCF7 Whole Cell Lysate, Lane B: NCI-N87 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.



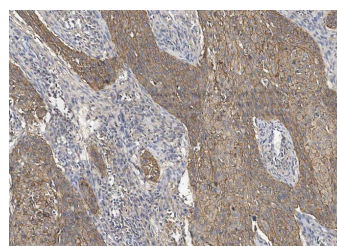
Immunohistochemistry of paraffin-embedded monkey skin using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:100.

Observed-MW:36-40 kDa

Calculated-MW:36 kDa



Immunohistochemistry of paraffin-embedded human skin using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human hysterocarcinoma using TROP2/TACSTD2 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping

Ice bag

Background

This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.