Recombinant TROP2 Monoclonal Antibody

catalog number: **AN301681L**

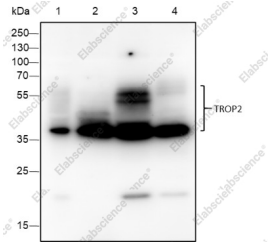
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant human TROP2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C211304
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:1000
IF	1:50
FCM	1:50
IP	1:50-1:100

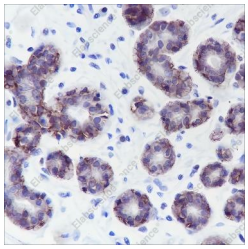
Data



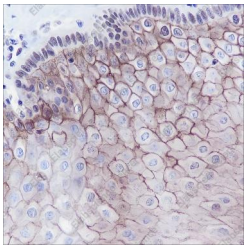
Western Blot with TROP2 Monoclonal Antibody at dilution of 1:1000. Lane 1: HCT-116, Lane 2: PC-3, Lane 3: MCF-7, Lane 4: 4T1

Observed-MW:45-65 kDa

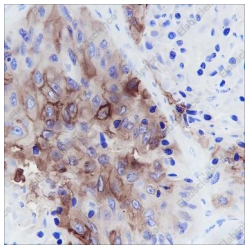
Calculated-MW:36 kDa



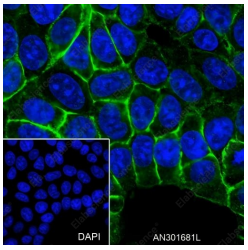
Immunohistochemistry of paraffin-embedded Human breast using TROP2 Monoclonal Antibody at dilution of 1:1000.



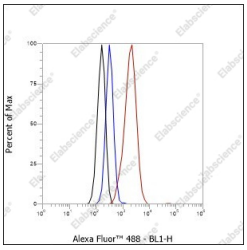
Immunohistochemistry of paraffin-embedded Human esophagus using TROP2 Monoclonal Antibody at dilution of 1:1000.



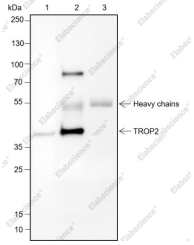
Immunohistochemistry of paraffin-embedded Human lung squamous carcinoma using TROP2 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed MCF-7 cells using anti-TROP2 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human TROP2 expression on SK-BR-3 cells. Cells were stained with purified anti-Human TROP2, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-TROP2 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using TROP2 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: TROP2 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:45-65 kDa

Calculated-MW:36 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

May function as a growth factor receptor.