

Recombinant EPHB4 Monoclonal Antibody

catalog number: AN301515L

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

Description

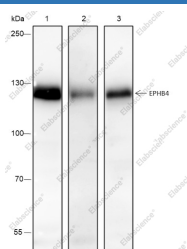
Reactivity	Human;Mouse
Immunogen	Recombinant protein of human Eph receptor B4/HTK
Host	Rabbit
Isotype	Rabbit IgG
Clone	C221138
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

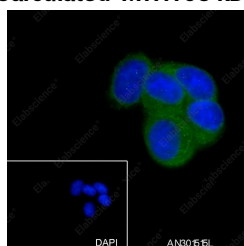
Recommended Dilution

WB	1:1000
IHC-P	1:200-1:1000

Data



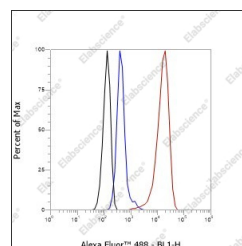
Observed-MW:135 kDa
Calculated-MW:108 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed MCF-7 cells using anti-EPHB4 Monoclonal Antibody at dilution of 1:50.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HT-29 cells using anti-EPHB4 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human EPHB4 expression on HT-29 cells. Cells were stained with purified anti-Human EPHB4, 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.

Preparation & Storage

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

Background

For Research Use Only

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Rev. V1.4

EPHB4 together with its cognate ligand/functional ligand EFNB2 they are involved in the regulation of cell adhesion and migration, and play a central role in heart morphogenesis, angiogenesis and blood vessel remodeling and permeability. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells.