Recombinant ST13 Monoclonal Antibody

catalog number: **AN301664L**

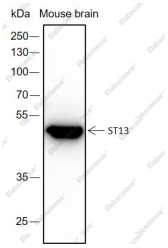
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant human ST13 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C221287
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:100
FCM	1:50-1:100

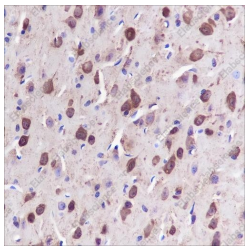
Data



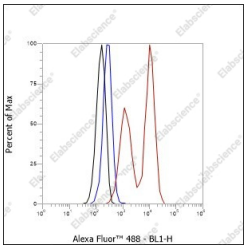
Western Blot with ST13 Monoclonal Antibody at dilution of 1:2000. Lane 1: Mouse brain

Observed-MW:47 kDa

Calculated-MW:41 kDa



Immunohistochemistry of paraffin-embedded Mouse brain using ST13 Monoclonal Antibody at dilution of 1:100.



Flow cytometric analysis of human ST13 expression on HepG2 cells. Cells were stained with purified anti-Human ST13, 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

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Background

One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins.

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