Recombinant beta-2 Adrenergic Receptor Monoclonal Antibody

catalog number: **AN301445L**

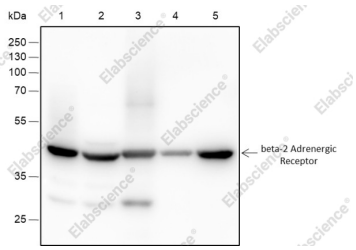
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human beta-2 Adrenergic Receptor fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C171068
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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

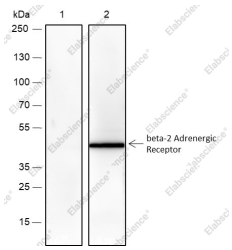
Data



Western Blot with beta-2 Adrenergic Receptor Monoclonal Antibody at dilution of 1:2000. Lane 1: A431, Lane 2: MCF-7, Lane 3: MDA-MB-231, Lane 4: Rat kidney, Lane 5: Mouse kidney

Observed-MW:46 kDa

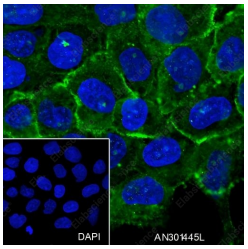
Calculated-MW:46 kDa



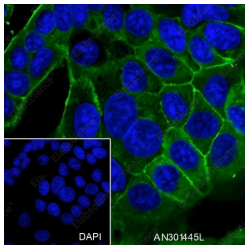
Western Blot with beta-2 Adrenergic Receptor Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse kidney

Observed-MW:46 kDa

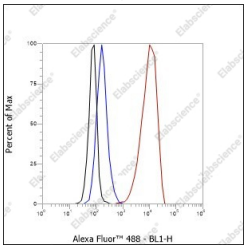
Calculated-MW:46 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed A431 cells using anti-beta-2 Adrenergic Receptor Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed MCF7 cells using anti-beta-2 Adrenergic Receptor Monoclonal Antibody at dilution of 1:100.



Flow cytometric analysis of human beta-2 Adrenergic Receptor expression on SH-SY5Y cells. Cells were stained with purified anti-Human beta-2 Adrenergic Receptor, 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

Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.

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