

Delta Opioid Receptor Recombinant Rabbit mAb

Catalog Number: bsm-61309R

Target Protein: Delta Opioid Receptor

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: WB (1:500-1:2000)

Reactivity: Human, Mouse, Rat

Predicted MW: 40

Detected MW: 40

Entrez Gene: 4985

Swiss Prot: P41143

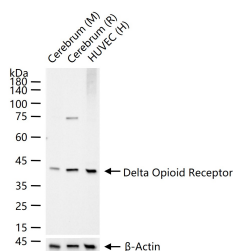
Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: G-protein coupled receptor that functions as a receptor for endogenous enkephalins and for a subset of other opioids. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling leads to the inhibition of adenylate cyclase activity. Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Delta Opioid Receptor monoclonal antibody, unconjugated (bsm-61309R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.