



## Delta Opioid Receptor Recombinant Rabbit mAb

Catalog: BS48534

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

G-protein coupled receptor that functions as 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. Plays a role in the perception of pain and in opiate-mediated analgesia. Plays a role in developing analgesic tolerance to morphine.

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

40 kDa

### Swiss-Prot:

P41143

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;ICC/IF: 1:100&lt;br /&gt;FC: 1:20

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:

### Note:

For research use only, not for use in diagnostic procedure.

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