
Product Name: Delta Opioid Receptor Rabbit Monoclonal Antibody**Catalog #: AMRe86986**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:100-1:500,FC 1:20-1:50
Molecular Weight	Calculated MW:40 kDa; Observed MW:40 kDa

Antigen Information

Gene Name	Delta Opioid Receptor
Alternative Names	OPRD
Gene ID	4985
SwissProt ID	P41143
Immunogen	A synthetic peptide of human Delta Opioid Receptor

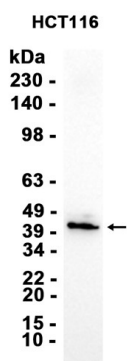
Background

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.

Research Area

Image Data



Western blot analysis of extracts from HCT116 cells using Delta Opioid Receptor Rabbit Monoclonal Antibody at 1:1000.