

Anti-delta Opioid Receptor Rabbit Monoclonal Antibody

Introduction

The opioid receptors are G-protein coupled, seven-transmembrane domain receptors for enkephalins, endorphins, and dynorphins. 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 parameters

Alternative Names	Delta type opioid receptor; Delta type opioid receptor DOR1; DOR 1; mDOR; Nbor; Opioid receptor delta 1; OPRD 1
Gene ID	4985
Gene Name	OPRD1
SwissProt ID	P41143
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 40 kDa; Observed MW: 40 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-14D8F6
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human OPRD1
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, FC
Dilution Ratio	WB: 1/500-1/1000 FC: 1/50-1/100
Research Field	Neuroscience

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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