

## Opioid Receptor (Ab-375) Conjugated Antibody

Catalog No: #C21313



Package Size: #C21313-AF350 100ul #C21313-AF405 100ul #C21313-AF488 100ul  
 #C21313-AF555 100ul #C21313-AF594 100ul #C21313-AF647 100ul  
 #C21313-AF680 100ul #C21313-AF750 100ul #C21313-Biotin 100ul

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## Description

Product Name	Opioid Receptor (Ab-375) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Ms Rt
Specificity	The antibody detects endogenous level of total Opioid Receptor protein.
Immunogen Description	Peptide sequence around aa.373~377 (H-P-S-T-A) derived from Mouse Opioid Receptor.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MOR;MUOR1;Mu-type opioid receptor;OPRM;OPRM1
Accession No.	Swiss-Prot#:P42866NCBI Gene ID:18390NCBI mRNA#:NM_000914.3 NCBI Protein#:NP_000905.3
Uniprot	P42866
GeneID	18390;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	70-90
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Receptor for beta-endorphin.

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Note: This product is for in vitro research use only