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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OPRL1 monoclonal antibody (M02), clone 2A11

Catalog # : H00004987-M02

規格 : [100 ug]

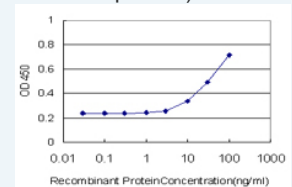
[List All](#)


Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant OPRL1.
Immunogen:	OPRL1 (AAH38433, 110 a.a. ~ 212 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DILLGFWPFGNALCKTVIAIDYYNMFSTFTLTAMSVDRYVAICHPIRALDV RTSSKAQAVNVAIWALASVVGVPVAIMGSAQVEDEEIECLVEIPTPQDYW G
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Sandwich ELISA (Recombinant protein)

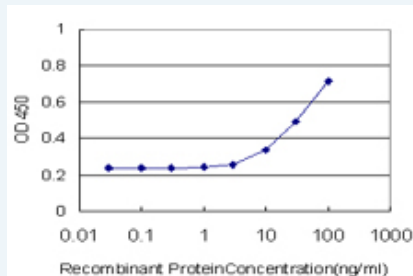


 [enlarge](#)

ELISA

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged OPRL1 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4987](#)

GeneBank [BC038433](#)

Accession#:**Protein** [AAH38433](#)**Accession#:****Gene Name:** OPRL1**Gene Alias:** KOR-3,MGC34578,NOCIR,OOR,ORL1**Gene** opiate receptor-like 1**Description:****Omim ID:** [602548](#)**Gene Ontology:** [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a G protein-coupled receptor whose expression can be induced by phytohemagglutinin. The encoded integral membrane protein is a receptor for the 17 aa neuropeptide nociceptin/orphanin FQ. This gene may be involved in the regulation of numerous brain activities, particularly instinctive and emotional behaviors. A promoter for this gene also functions as a promoter for another gene, regulator of G-protein signalling 19 (RGS19), located on the opposite strand. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations: LC132 receptor-like,OTTHUMP00000031640,OTTHUMP00000031641,OTTHUMP00000031642,kappa3-related opioid receptor,nociceptin receptor,orphanin FQ receptor

Gene Pathway[Neuroactive ligand-receptor interaction](#)**Related Disease**

[Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#)
[Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Disease Models, Animal](#)
[Genetic Predisposition to Disease](#) [NARP](#) [Opioid-Related Disorders](#)
[Substance-Related Disorders](#)