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KX594

For research use only

Anti Human OXGR1 Monoclonal Antibody

Clone No. 2D4

This product is generated from GANP® mice.

Code No.	KX594
Terget	OXGR1
Category	GPCR
Gene ID	27199
Primary Source	HGNC:4531
Synonyms	GPR80; GPR99; P2Y15; P2RY15; MGC119206; MGC119207; MGC119208
Type	Monoclonal Antibody
Immunogen	Partial peptide of Human OXGR1 (N-terminal region)
Raised in	GANP® mouse
Myeloma	P3U1
Clone number	2D4
Purification	ProteinG
Source	Serum-free medium
Isotype	IgG1,κ
Cross Reactivity	Rat
Label	Unlabeled
Concentration	0.25 mg/mL
Contents (Volume)	50 µg（200 µL/vial)
Buffer	PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage	Store at - 20 ℃ long term, store at 4 ℃ short term. Avoid repeated freeze-thaw cycles.
Application	ELISA,IHC

[IHC] Rat kidney tissue

ELISA	WB	IHC	ICC
1.0	Not tested	5.0-10	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(µg/mL)

Reference

1. "Discovery and mapping of ten novel G protein-coupled receptor genes." Lee D.K. et al. Gene 275:83-91(2001) [PubMed: 11574155] [Abstract]. Cited for: NUCLEOTIDE SEQUENCE [GENOMIC DNA].
2. "GPR99, a new G protein-coupled receptor with homology to a new subgroup of nucleotide receptors." Wittenberger T. et al. BMC Genomics 3:17-17(2002) [PubMed: 12098360] [Abstract]. Cited for: NUCLEOTIDE SEQUENCE [MRNA]. Tissue: Placenta.
3. "Identification of G protein-coupled receptor genes from the human genome sequence." Takeda S. et al. FEBS Lett. 520:97-101(2002) [PubMed: 12044878] [Abstract]. Cited for: NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA].

UniPlot Summary

//Function Receptor for alpha-ketoglutarate. Seems to act exclusively through a G(q)-mediated pathway By similarity.
//Subcellular location Cell membrane; Multi-pass membrane protein.
//Tissue specificity Detected in kidney and, to a lower extend, in placenta. Not detected in brain tissues including the frontal cortex, caudate putamen, thalamus, hypothalamus, hippocampus or pons.
//Sequence similarities Belongs to the G-protein coupled receptor 1 family.