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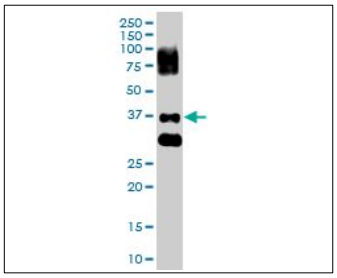
KB504

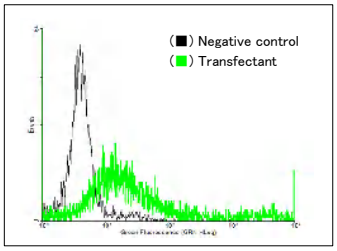
For research use only

Anti Human OXGR1 Polyclonal Antibody

Code No.	KB504
Terget	OXGR1
Category	GPCR
Gene ID	27199
Primary Source	HGNC:4531
Synonyms	GPR80; GPR99; P2Y15; P2RY15; MGC119206; MGC119207; MGC119208; OXGR1
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human OXGR1
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,FCM



[WB] OXGR1 transfected 293T cell lysate



[FCM] OXGR1 expressing 293 cells

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

Reference

1. Lee D.K., et al. "Discovery and mapping of ten novel G protein-coupled receptor genes." Gene 275:83-91(2001)
2. Wittenberger T., et al. "GPR99, a new G protein-coupled receptor with homology to a new subgroup of nucleotide receptors." BMC Genomics 3:17-17(2002)
3. Takeda S., et al. "Identification of G protein-coupled receptor genes from the human genome sequence." FEBS Lett. 520:97-101(2002)

UniPlot Summary

//Function: Receptor for alpha-ketoglutarate. Seems to act exclusively through a G(q)-mediated pathway.
//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.

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