



KX592

For research use only

Anti Human OXTR Monoclonal Antibody

Clone No. 1B8

This product is generated from GANP® mice.



Code No. KX592
Target OXTR
Category GPCR
Gene ID 5021
Primary Source HGNC:8529
Synonyms OT-R

Type Monoclonal Antibody
Immunogen Partial peptide of Human OXTR (4th extracellular domain)



[IHC] Rat epididymides tissue

Raised in GANP® mouse
Myeloma P3U1
Clone number 1B8
Purification ProteinG
Source Serum-free medium
Isotype IgG2b, κ
Cross Reactivity Rat
Label Unlabeled
Concentration 0.25 mg/mL
Contents (Volume) 50 μ g (200 μ L/vial)
Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

Application ELISA,IHC

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

(μ g/mL)

Reference

1. "Structure and expression of a human oxytocin receptor." Kimura T. et al. Nature 356:526-529(1992) [PubMed: 1313946] [Abstract]. Cited for: NUCLEOTIDE SEQUENCE [MRNA], VARIANT THR-218. Tissue: Uterus.
2. Erratum. Kimura T. et al. Nature 357:176-176(1992). Cited for: SEQUENCE REVISION.
3. "cDNA clones of human proteins involved in signal transduction sequenced by the Guthrie cDNA resource center (www.cdna.org)." Kopatz S.A. et al. Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases. Cited for: NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA], VARIANT THR-218. Tissue: Ovary.

UniPlot Summary

//Function Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.
//Subcellular location Cell membrane; Multi-pass membrane protein.
//Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic Inc.



COSMO BIO CO., LTD.
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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN
<http://www.cosmobio.co.jp> e-mail : export@cosmobio.co.jp
Phone : +81-3-5632-9617 FAX : +81-3-5632-9618