

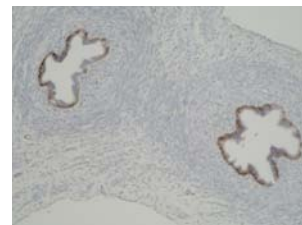


KX591 For research use only
Anti Human CHRM5 Monoclonal Antibody
Clone No. 3A6

This product is generated from GANP® mice.



Code No. KX591
Target CHRM5
Category GPCR
Gene ID 1133
Primary Source HGNC:1954
Synonyms HM5; MGC41838
Type Monoclonal Antibody
Immunogen Partial peptide of Human CHRM5 (3rd extracellular domain)



[IHC] Rat fallopian tube tissue

Raised in GANP® mouse
Myeloma P3U1
Clone number 3A6
Purification ProteinG
Source Serum-free medium
Isotype IgG1, 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

- "Cloning and expression of the human and rat m5 muscarinic acetylcholine receptor genes." Bonner T.I. et al. Neuron 1:403-410(1988) [PubMed: 3272174] [Abstract]. Cited for: NUCLEOTIDE SEQUENCE [GENOMIC DNA].
- Rae J.L. et al. Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases. Cited for: NUCLEOTIDE SEQUENCE [MRNA]. Tissue: Lens epithelium.
- "Human muscarinic acetylcholine receptor 5 is localized on 15q13.1 and its expression in SH-SY5Y cells." Wang H et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Cited for: NUCLEOTIDE SEQUENCE [MRNA]. Tissue: Brain.

UniPlot Summary

//Function The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.
//Subcellular location Cell membrane; Multi-pass membrane protein. Cell junction > synapse > postsynaptic cell membrane; Multi-pass membrane protein.
//Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic Inc.



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Inspiration for Life Science

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