

**KX574**

For research use only

# Anti Human HTR5A Monoclonal Antibody

**Clone No. 2D3**

This product is generated from GANP® mice.



**Code No.** KX574  
**Target** HTR5A  
**Category** GPCR  
**Gene ID** 3361  
**Primary Source** HGNC:5300  
**Synonyms** 5-HT5A; MGC138226; HTR5A

**Type** Monoclonal Antibody  
**Immunogen** Partial peptide of Human HTR5A (1st extracellular domain)

**Raised in** GANP® mouse  
**Myeloma** P3U1  
**Clone number** 2D3  
**Purification** ProteinG  
**Source** Serum-free medium

**Isotype** IgG1, $\kappa$   
**Cross Reactivity** Rat  
**Label** Unlabeled

**Concentration** 0.25 mg/mL  
**Contents (Volume)** 50  $\mu$ g ( 200  $\mu$ L/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 brain tissue



[IHC] Rat brain tissue

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

( $\mu$ g/mL)

## Reference

1. Rees S, et al. Cloning and characterisation of the human 5-HT5A serotonin receptor. FEBS Lett. 1994 355:242-246.
2. The MGC Project Team. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Genome Res. 2004 14:2121-2127.
3. Sjöebloom T, et al. The consensus coding sequences of human breast and colorectal cancers. Science. 2006 314:268-274.

## UniProt Summary

//Function: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins.

//Subcellular location: Cell membrane; Multi-pass membrane protein.

//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.