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**KX577**

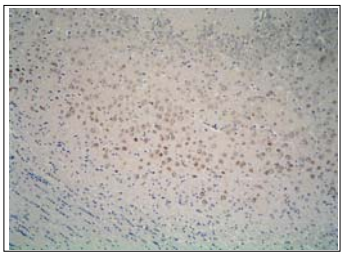
For research use only

# Anti Human ADORA3 Monoclonal Antibody

**Clone No. 1C9**

This product is generated from GANP® mice.

| | |
|---|---|
| **Code No.** | KX577 |
| **Terget** | ADORA3 |
| **Category** | GPCR |
| **Gene ID** | 140 |
| **Primary Source** | HGNC:268 |
| **Synonyms** | A3AR; AD026; bA552M11.5; RP11-552M11.7; ADORA3 |
| **Type** | Monoclonal Antibody |
| **Immunogen** | Partial peptide of Human ADORA3 (3rd extracellular domain) |
| **Raised in** | GANP® mouse |
| **Myeloma** | P3U1 |
| **Clone number** | 1C9 |
| **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 brain tissue

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

(μg/mL)

## Reference

1. Sajjadi FG, et al. cDNA cloning and sequence analysis of the human A3 adenosine receptor. Biochim. Biophys. Acta 1993 1179:105-107.
2. Salvatore CA, et al. Molecular cloning and characterization of the human A3 adenosine receptor. Proc. Natl. Acad. Sci. U.S.A. 1993 90:10365-10369.
3. Clark HF, et al. The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. Genome Res. 2003 13:2265-2270.

## UniPlot Summary

//Function: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. Possible role in reproduction.
//Subcellular location: Cell membrane; Multi-pass membrane protein.
//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

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