

ADORA2A

Purified Mouse Monoclonal Antibody Catalog # AO2628a

Product Information

Application WB, IHC, ICC, E

Primary Accession
Reactivity
Host
Clonality
Clone Names
Isotype
Calculated MW
Meactivity
Human
Mouse
Monoclonal
6A6G11
Mouse IgG2a
44707

Calculated WIVV 44707

Immunogen Purified recombinant fragment of human ADORA2A (AA: 274-412) expressed

in E. Coli.

Formulation Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID 135

Other Names A2aR; RDC8; ADORA2

Dilution WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~ 1/100 - 1/500 E~~ 1/10000

Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions ADORA2A is for research use only and not for use in diagnostic or therapeutic

procedures.

Protein Information

Name ADORA2A

Synonyms ADORA2

Function Receptor for adenosine (By similarity). The activity of this receptor is

mediated by G proteins which activate adenylyl cyclase (By similarity).

Cellular Location Cell membrane {ECO:0000250 | UniProtKB:P30543}; Multi-pass membrane

protein {ECO:0000250 | UniProtKB:P30543} Note=Colocalizes with GAS2L2 at

neuronal processes {ECO:0000250 | UniProtKB:P30543}

References

1.Mol Neurobiol. 2015 Aug;52(1):664-78.2.] Psychiatr Res. 2014 Apr;51:49-59.

Images

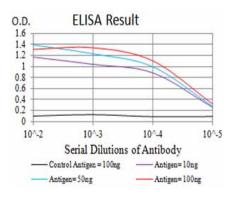


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

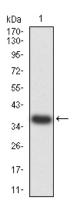


Figure 2:Western blot analysis using ADORA2A mAb against human ADORA2A (AA: 274-412) recombinant protein. (Expected MW is 37 kDa)

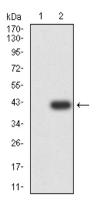


Figure 3:Western blot analysis using ADORA2A mAb against HEK293 (1) and ADORA2A (AA: 274-412)-hIgGFc transfected HEK293 (2) cell lysate.

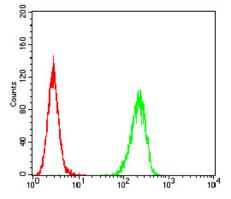
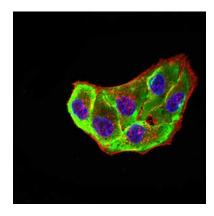


Figure 5:Flow cytometric analysis of Hela cells using ADORA2A mouse mAb (green) and negative control (red).

Figure 4:Immunofluorescence analysis of Hela cells using ADORA2A mouse mAb (green). Blue: DRAQ5 fluorescent



DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.