

HTR3A monoclonal antibody

Catalog: MB22412

Host: Mouse

Reactivity: Human

BackGround:

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

55.3kDa

Swiss-Prot:

P46098

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

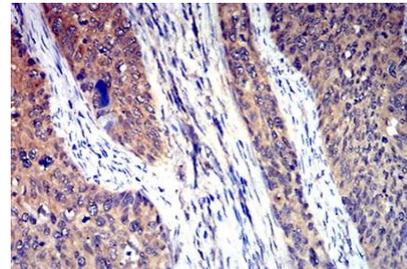
IHC:1/200 - 1/1000 IF:1/100 - 1/500 FC:1/200 - 1/400

Storage&Stability:

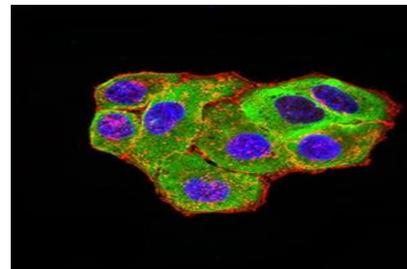
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

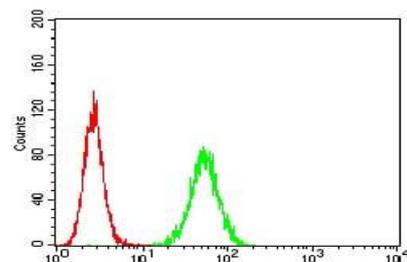
Mouse IgG2a

DATA:

Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using HTR3A mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using HTR3A 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)



Flow cytometric analysis of HeLa cells using HTR3A mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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