

## P2RX7 monoclonal antibody

Catalog: MB22267

Host: Mouse

Reactivity: Human, Mouse, Rabbit

### Background:

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

68.6kDa

### Swiss-Prot:

Q99572

### 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:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

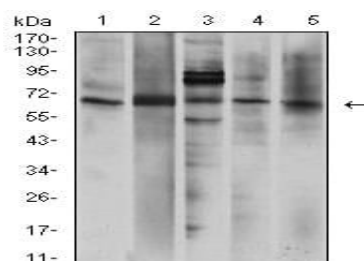
### Storage&Stability:

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

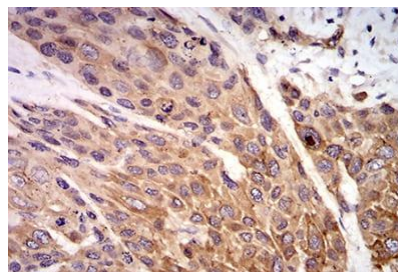
### Isotype:

Mouse IgG2b

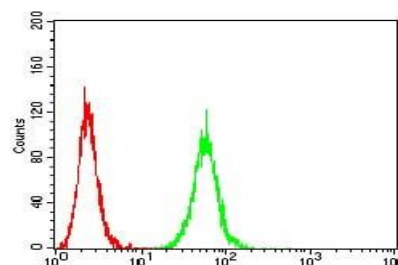
### DATA:



Western blot analysis using P2RX7 mouse mAb against A431 (1), U251 (2), Hela (3), U937 (4), and HepG2 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using P2RX7 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using P2RX7 mouse mAb (green) and negative control (red).

### Note:

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

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