

Datasheet for ABIN5611116

anti-Serotonin Receptor 3A antibody (AA 24-157)[Go to Product page](#)

7 Images

Overview

Quantity:	0.1 mg
Target:	Serotonin Receptor 3A (HTR3A)
Binding Specificity:	AA 24-157
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Serotonin Receptor 3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human HTR3A (AA: extra 24-157) expressed in E. coli.
Clone:	3B11C10
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	Serotonin Receptor 3A (HTR3A)
Alternative Name:	HTR3A (HTR3A Products)
Background:	Description: The product of this gene belongs to the ligand-gated ion channel receptor

Target Details

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.

Aliases: HTR3, 5HT3R, 5-HT-3, 5-HT3A, 5-HT3R

Molecular Weight:	55.3 kDa
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Gene ID:	3359
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HGNC:	3359
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Pathways:	Synaptic Membrane
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:100 - 1:500, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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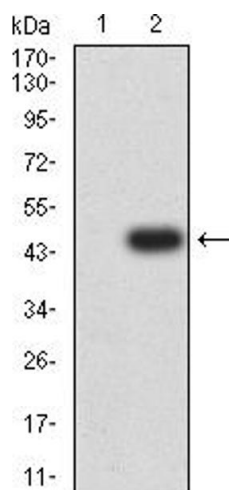
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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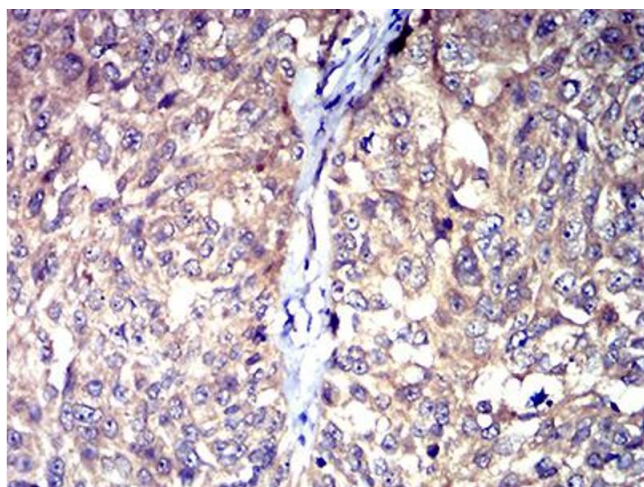
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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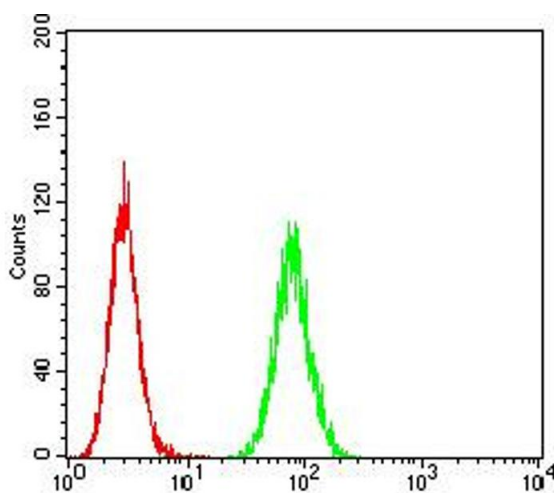
Western Blotting

Image 1. Western blot analysis using HTR3A mAb against HEK293 (1) and HTR3A (AA: extra 24-157)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using HTR3A mouse mAb with DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of HeLa cells using HTR3A mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5611116.