

Mouse anti-Human, Mouse GAS7 Monoclonal Antibody | anti-GAS7 antibody

GAS7 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48053	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

GAS7; Monoclonal Antibody; GAS7 antibody; Growth arrest-specific 7 isoform b; KIAA0394; Growth arrest-specific 7; isoform b Growth arrest specific 7; GAS 7; MGC1348; MLL/GAS7 fusion protein.; anti-GAS7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT4H8
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-GAS7 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human GAS7 (1-416aa) purified from E. coli
Clone Note	Anti-human GAS7 mAb, clone AT4H8, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human GAS7 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of GAS7 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human GAS7 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of GAS7 in U87MG cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human GAS7 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The extracts of mouse brain (50ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human GAS7 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-GAS7 antibody	Growth arrest-specific 7, also known as GAS7, is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role in neuronal development by promoting maturation and morphological differentiation of cerebellar neurons. Inhibition of GAS7 production in terminally differentiating cultures of embryonic murine cerebellum impedes neurite outgrowth. Conversely, the hyper-expression of GAS7 may play an important role in the initiation and development of human osteosarcoma.
Product Categories/Family for anti-GAS7 antibody	Neuroscience
References	Chao CC, et al., (2005) J Neurosci Res. 81 (2):153-62; She BR, et al., (2002) Exp Cell Res. 273 (1):34-44

NCBI AND UNIPROT INFORMATION

NCBI GI #	41406078
NCBI GeneID	8522
NCBI Accession #	NP_958836
NCBI GenBank Nucleotide #	NM_201432.1
UniProt Accession #	O60861; O43144; Q53Y77; Q7Z571; A8KAC2; B2RCK9
Molecular Weight	47,680 Da
NCBI Official Full Name	growth arrest-specific protein 7 isoform b
NCBI Official Synonym Full Names	growth arrest specific 7
NCBI Official Symbol	GAS7
NCBI Protein Information	growth arrest-specific protein 7
UniProt Protein Name	Growth arrest-specific protein 7
UniProt Gene Name	GAS7
UniProt Synonym Gene Names	KIAA0394; GAS-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gas7-antibody-clone-at4h8-flow-cytometry-western-blot-elisa/48053>