

Mouse GAS7 Monoclonal Antibody | anti-GAS7 antibody

GAS7 antibody

CATALOG #	HOST	APPLICATIONS
AAA106552	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2F6
Purity/Purification	GAS7 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-GAS7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	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.
Cross-Reactivity	Human, Dog, Rat
Immunogen	GAS7 antibody was raised in mouse using a full length recombinant protein of human GAS7 (NP_003635) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis using GAS7 antibody/Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GAS7 protein (Right) or empty vector (Left) detected with GAS7 antibody



IHC (Immunohistochemistry)

Immunohistochemical staining using GAS7 antibody/Immunohistochemical analysis of GAS7 protein in paraffin embedded Adenocarcinoma of Human endometrium tissue using GAS7 antibody

**IF (Immunofluorescence)**

Immunofluorescent staining using GAS7 antibody/Immunofluorescent staining of COS7 cells transiently transfected with recombinant GAS7 protein using GAS7 antibody

**FCM/FACS (Flow Cytometry)**

Flow Cytometric analysis using GAS7 antibody/Flow Cytometric analysis of HEK293T cells transfected with either recombinant GAS7 protein (red) or empty vector (blue) stained using GAS7 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GAS7 antibody	Mouse monoclonal GAS7 antibody
Product Categories/Family for anti-GAS7 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	41406076
NCBI GeneID	8522
NCBI Accession #	NP_003635
NCBI GenBank Nucleotide #	NM_003644.2
UniProt Accession #	O60861 ; O43144 ; Q53Y77 ; Q7Z571 ; A8KAC2 ; B2RCK9
Molecular Weight	47,680 Da
NCBI Official Full Name	growth arrest-specific protein 7 isoform a
NCBI Official Synonym Full Names	growth arrest-specific 7
NCBI Official Symbol	GAS7
NCBI Official Synonym Symbols	MLL/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
UniProt Entry Name	GAS7_HUMAN

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-2f6-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106552>