OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA501907M

Growth Arrest Specific Protein 7 (GAS7) Mouse Monoclonal Antibody [Clone ID: OTI8H10]

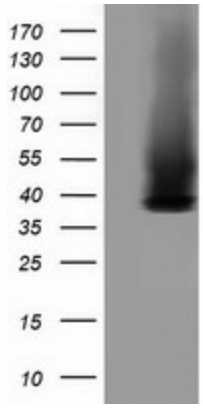
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8H10
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB: 1:500-1:2000, IF: 1:100, FLOW: 1:100, IHC: 1:50-1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GAS7 (NP_003635) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.7 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39.0 kDa
Gene Name:	growth arrest specific 7
Database Link:	NP_003635 Entrez Gene 14457 MouseEntrez Gene 85246 RatEntrez Gene 8522 Human O60861
Background:	Growth arrest-specific 7 is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role in neuronal development. Several transcript variants encoding proteins which vary in the N-terminus have been described. [provided by RefSeq]
Synonyms:	GAS7; MLL

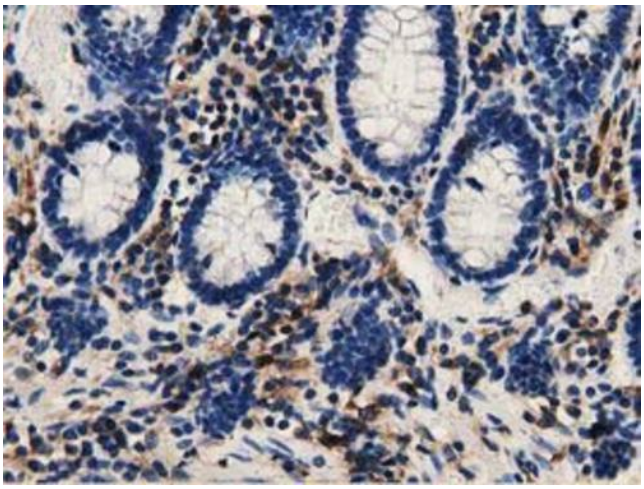
View online »

Protein Families: Transcription Factors

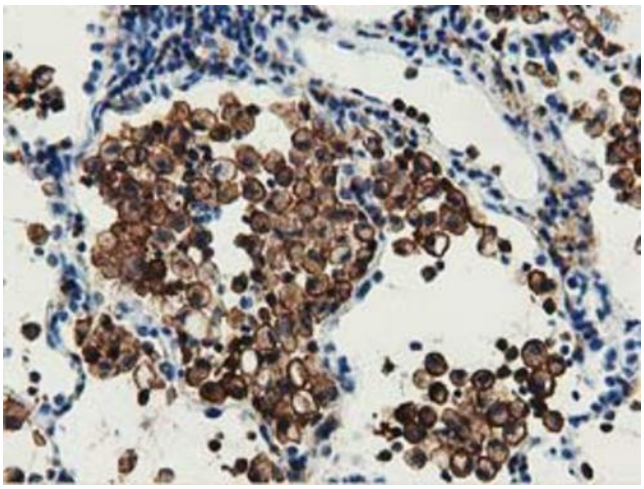
Product images:



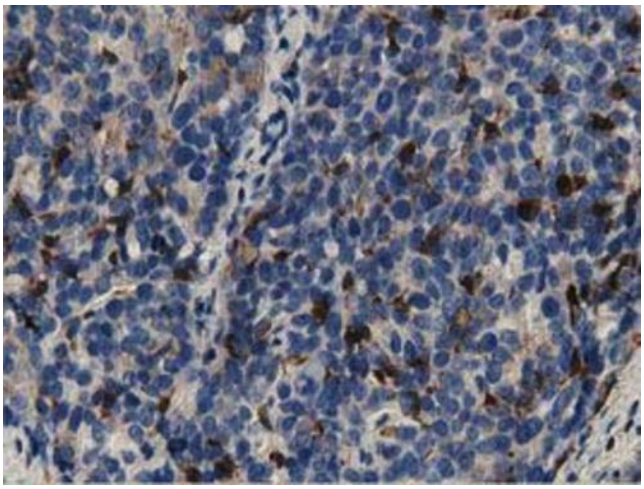
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GAS7 (Cat# [RC215256], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GAS7(Cat# [TA501907]). Positive lysates [LY418527] (100ug) and [LC418527] (20ug) can be purchased separately from OriGene.



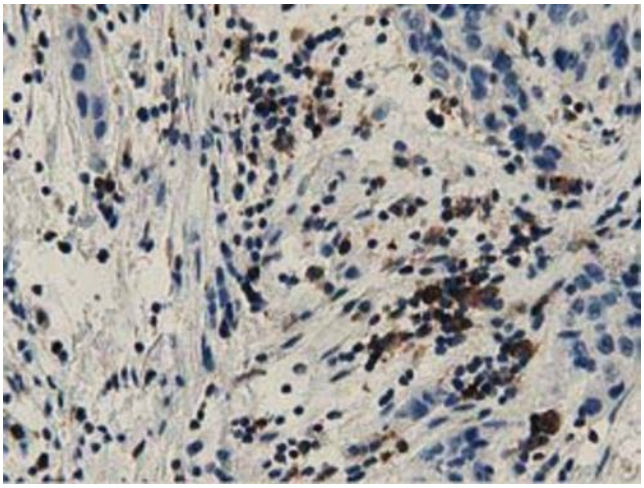
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



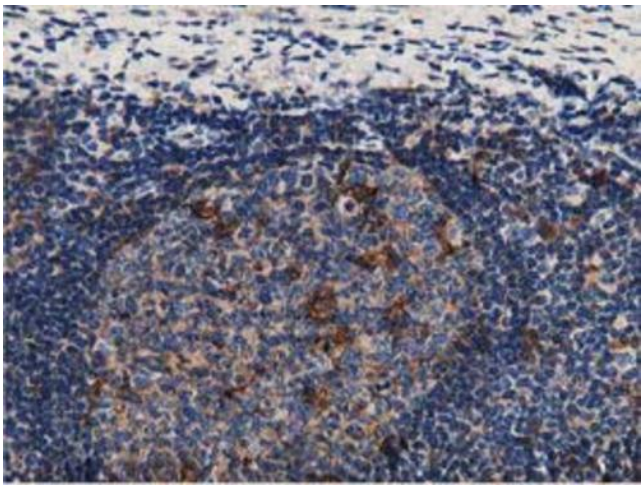
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



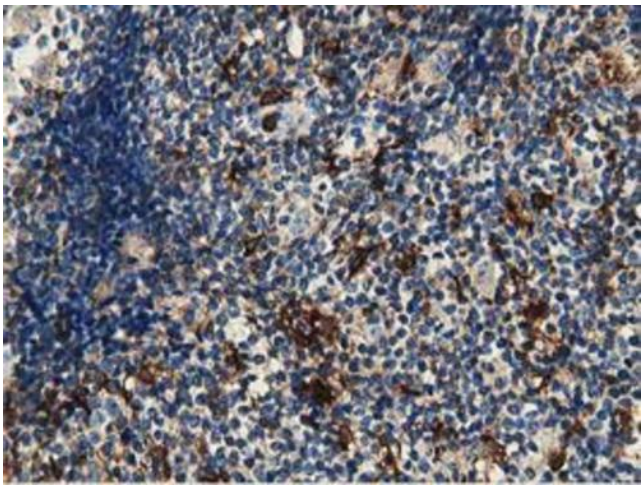
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



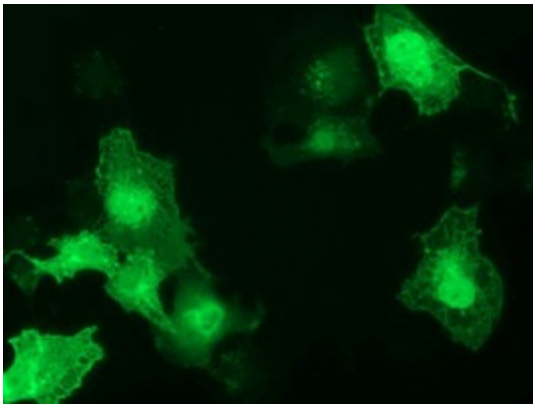
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



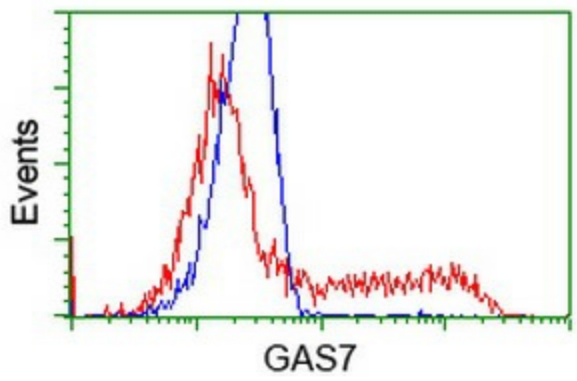
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



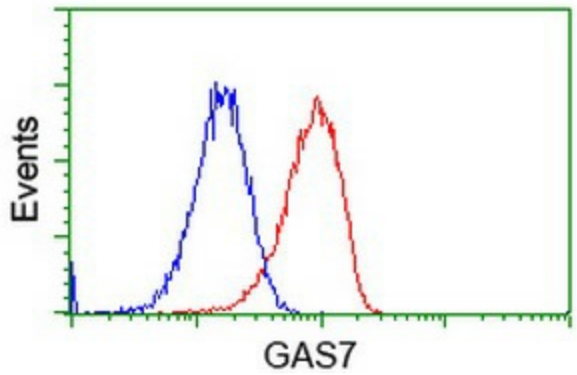
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-GAS7 mouse monoclonal antibody at 1:150 ([TA501907]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



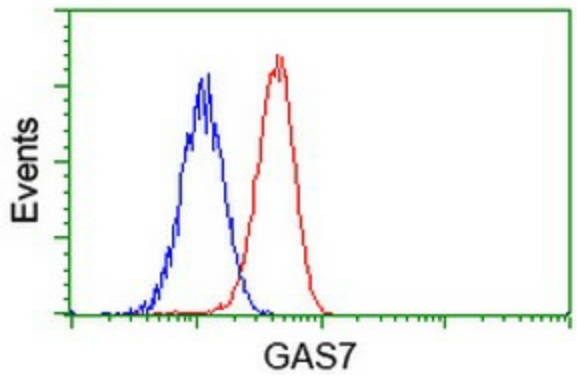
Anti-GAS7 mouse monoclonal antibody ([TA501907]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GAS7 ([RC215256]).



HEK293T cells transfected with either [RC215256] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GAS7 antibody ([TA501907]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-GAS7 antibody ([TA501907]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-GAS7 antibody ([TA501907]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).