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GAS2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GAS2.
Catalog # AT2155a

Product Information

Application	WB, IF, E
Primary Accession	O43903
Other Accession	NM_005256
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4E12
Calculated MW	34945

Additional Information

Gene ID	2620
Other Names	Growth arrest-specific protein 2, GAS-2, GAS2
Target/Specificity	GAS2 (NP_005247, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GAS2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

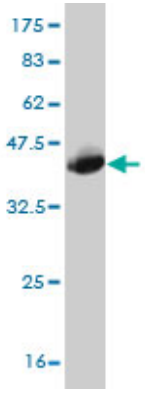
The protein encoded by this gene is a caspase-3 substrate that plays a role in regulating microfilament and cell shape changes during apoptosis. It can also modulate cell susceptibility to p53-dependent apoptosis by inhibiting calpain activity. Multiple alternatively spliced variants, encoding the same protein, have been identified.

References

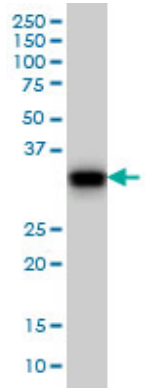
1.p53-dependent translational control of senescence and transformation via 4E-BPs.Petroulakis E, Parsyan A, Dowling RJ, LeBacquer O, Martineau Y, Bidinosti M, Larsson O, Alain T, Rong L, Mamane Y, Paquet M, Furic L, Topisirovic I, Shahbazian D, Livingstone M, Costa-Mattioli M, Teodoro JG, Sonenberg N.Cancer Cell. 2009 Nov

6;16(5):439-46.

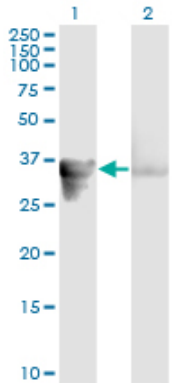
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .

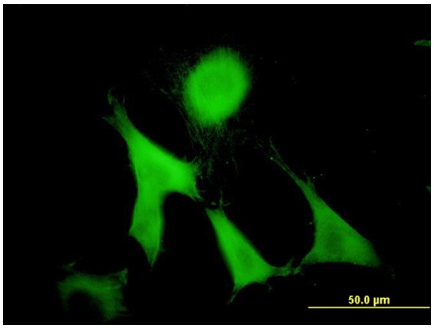


GAS2 monoclonal antibody (M01), clone 4E11 Western Blot analysis of GAS2 expression in NIH/3T3 ((Cat # AT2155a)



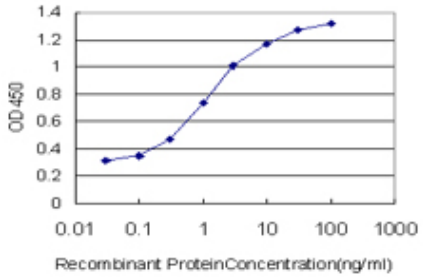
Western Blot analysis of GAS2 expression in transfected 293T cell line by GAS2 monoclonal antibody (M01), clone 4E11.

Lane 1: GAS2 transfected lysate(34.9 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to GAS2 on NIH/3T3 cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged GAS2 is approximately 0.03ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.