

GAS2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant GAS2.****Catalog # AT2155a****Specification**

GAS2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O43903
Other Accession	NM_005256
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	34945

GAS2 Antibody (monoclonal) (M01) - 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.

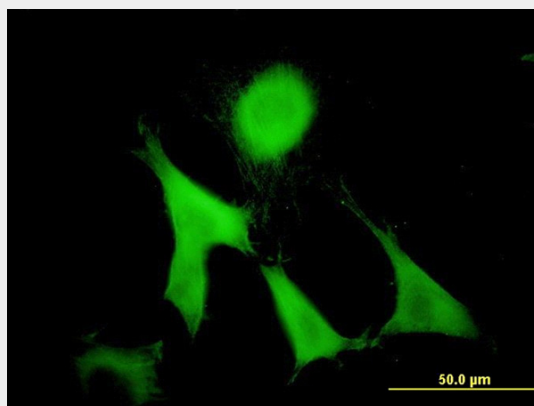
GAS2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

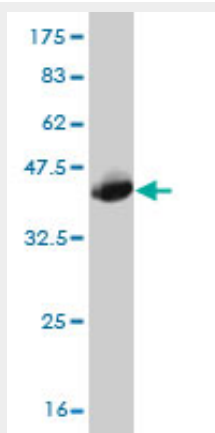
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

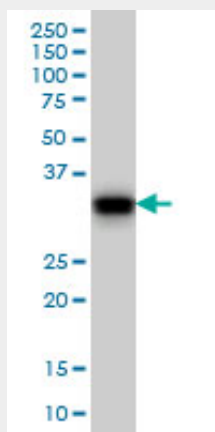
GAS2 Antibody (monoclonal) (M01) - Images



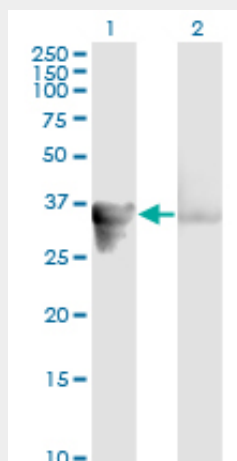
Immunofluorescence of monoclonal antibody to GAS2 on NIH/3T3 cell. [antibody concentration 10 ug/ml]



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



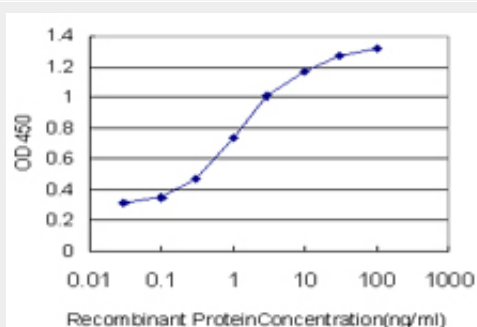
GAS2 monoclonal antibody (M01), clone 4E11 Western Blot analysis of GAS2 expression in NIH/3T3 (Cat # AT2155a)



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.



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

GAS2 Antibody (monoclonal) (M01) - 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.

GAS2 Antibody (monoclonal) (M01) - 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.