Mouse GBP2 Monoclonal Antibody | anti-GBP2 antibody

GBP2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106506	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

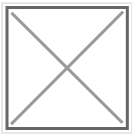
GBP2; Monoclonal Antibody; GBP2 antibody; Monoclonal GBP2; Anti-GBP2; GBP 2; GBP-2; anti-GBP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4 E7
Purity/Purification	GBP2 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	591
Applicable Applications for anti-GBP2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	GBPs are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP). GBP2 is a GTPase that converts GTP to GDP and GMP.
Cross-Reactivity	Human
Immunogen	GBP2 antibody was raised in mouse using a protein expressed in 293T cell transfected with human GBP2 expression vector 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

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant GBP2 protein using GBP2 antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of GBP2 protein in paraffin embedded Adenocarcinoma of Human colon tissue using GBP2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GBP2 protein (Right) or empty vector (Left) detected with GBP2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GBP2 antibody	Mouse monoclonal GBP2 antibody
Product Categories/Family for anti-GBP2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146241
NCBI GeneID	2634
UniProt Accession #	P32456; Q6GPH0; Q6IAU2; Q86TB0
Molecular Weight	67,209 Da
NCBI Official Full Name	GBP2
NCBI Official Synonym Full Names	guanylate binding protein 2, interferon-inducible
NCBI Official Symbol	GBP2
NCBI Protein Information	interferon-induced guanylate-binding protein 2
UniProt Protein Name	Interferon-induced guanylate-binding protein 2
UniProt Gene Name	**GBP2**
UniProt Synonym Gene Names	GBP-2; HuGBP-2
UniProt Entry Name	GBP2_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/gbp2-antibody-clone-4-e7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106506