

Mouse anti-Human GBP2 Monoclonal Antibody | anti-GBP2 antibody

Anti-GBP2 Antibody (clone 5C8) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52561	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

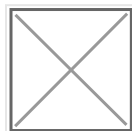
PRODUCT SYNONYMS

GBP2; Monoclonal Antibody; Anti-GBP2 Antibody (clone 5C8) IHC-plus; Mouse Monoclonal [clone 5C8] (IgG2b) to Human GBP2; Human GBP2; GBP-2; HuGBP-2; Guanylate binding protein 2; GTP-binding protein 2; anti-GBP2 antibody

PRODUCT SPECIFICATIONS

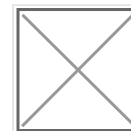
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	5C8
Specificity	Human GBP2
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	591
Applicable Applications for anti-GBP2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	GBP2 antibody was raised against full length human recombinant protein of human GBP2 (NP_004111) produced in HEK293T cell.
Immunogen Description	Full length human recombinant protein of human GBP2 (NP_004111) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

HEK293T cells transfected with either pCMV6-ENTRY GBP2 (Red) or empty vector control plasmid (Blue) were immunostained with anti-GBP2 mouse monoclonal (Dilution 1:1,000), and then analyzed by flow cytometry.



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GBP2 (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-GBP2.

**IF (Immunofluorescence)**

Anti-GBP2 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GBP2.

**IHC (Immunohistochemistry)**

Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GBP2 antibody

GBP2 Antibody, GBP-2 Antibody, HuGBP-2 Antibody, Guanylate binding protein 2 Antibody, GTP-binding protein 2 Antibody Description: Interferons are cytokines that have antiviral effects and inhibit tumor cell proliferation. They induce a large number of genes in their target cells, including those coding for the guanylate-binding proteins (GBPs). GBPs are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP). GBP2 protein is a GTPase that converts GTP to GDP and GMP.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327558
NCBI GeneID	2634
NCBI Accession #	NP_004111.2
NCBI GenBank Nucleotide #	NM_004120.4
UniProt Accession #	P32456 ; Q6GPH0 ; Q6IAU2 ; Q86TB0
Molecular Weight	67,209 Da
NCBI Official Full Name	guanylate-binding protein 2
NCBI Official Synonym Full Names	guanylate binding protein 2
NCBI Official Symbol	GBP2
NCBI Protein Information	guanylate-binding protein 2
UniProt Protein Name	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-5c8-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/52561>