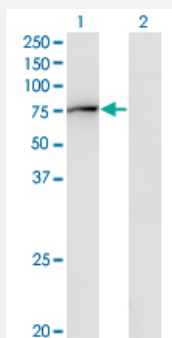


GBP2 monoclonal antibody (M03), clone 2A10

Catalog # H00002634-M03

Size 100 ug

Applications

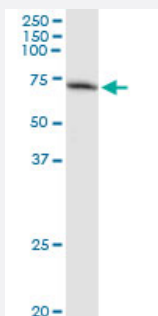


Western Blot (Transfected lysate)

Western Blot analysis of GBP2 expression in transfected 293T cell line by GBP2 monoclonal antibody (M03), clone 2A10.

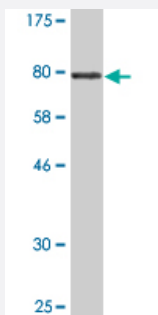
Lane 1: GBP2 transfected lysate (Predicted MW: 67.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GBP2 transfected lysate using anti-GBP2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GBP2 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (78.65 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant GBP2.

Immunogen	GBP2 (AAH22272, 1 a.a. ~ 481 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAPEINLPGPMSLIDNTKGQLVVNPEALKILSAITQPVVVVAIVGLYRTGKSYLMNKLAGKKNGFSL GSTVKSHTKGMMWCVPHPKKPEHTLVLLDTEGLGDIEKGDNENDSWIFALAILLSSTFVYNSMG INQQAMDQLHYVTELTDRIKANSSPGNNSVDDSDAFVSFFPAFVWTLRDFTLELEVDPGEITADD YLELSLKLKRGTDKKSFSFNDPRLCIRKFFPKRKCFVFDWPAPKKYLAHLEQLKEEELNPDFIEQ VAEFCSYLSHSNVKTLGGIPVNGPRLESVLTYVNAISSGDLPCMENAVLALAQIENSAAVEKAI AHYEQQMGQKVQLPTETLQELLDLHRDSEREAIEVFMKNSFKDQVDFQRFQKLGAQLEARRDDF CKQNSKASSDCCMALLQDIFGPLEEDVKQGTFSKPGGYRLFTQKLQELKNKYYQVPRKGIQAKE VLKKYLESKEDVADALLQTDQSLS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.65 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of GBP2 expression in transfected 293T cell line by GBP2 monoclonal antibody (M03), clone 2A10.

Lane 1: GBP2 transfected lysate (Predicted MW: 67.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GBP2 transfected lysate using anti-GBP2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GBP2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — GBP2

Entrez GeneID [2634](#)**GeneBank Accession#** [BC022272](#)**Protein Accession#** [AAH22272](#)**Gene Name** GBP2**Gene Alias** -**Gene Description** guanylate binding protein 2, interferon-inducible**Omim ID** [600412](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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). The protein encoded by this gene is a GTPase that converts GTP to GDP and GMP. [provided by RefSeq]

Other Designations OTTHUMP00000012393

Disease

- [Hepatitis B](#)