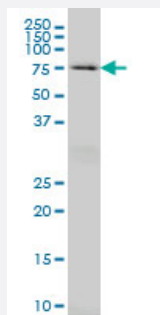


HSPA2 monoclonal antibody (M03), clone 2D11

Catalog # H00003306-M03

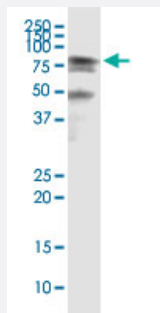
Size 100 ug

Applications



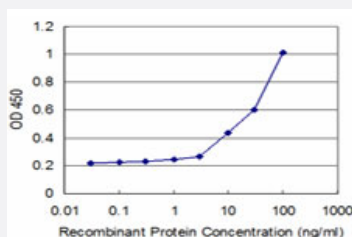
Western Blot (Cell lysate)

HSPA2 monoclonal antibody (M03), clone 2D11 Western Blot analysis of HSPA2 expression in HepG2 (Cat # L019V1).



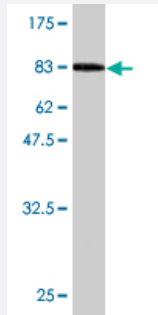
Immunoprecipitation

Immunoprecipitation of HSPA2 transfected lysate using anti-HSPA2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HSPA2 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSPA2 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (96.03 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant HSPA2.
Immunogen	HSPA2 (AAH01752, 1 a.a. ~ 639 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSARGPAIGDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFDTERLIGDAAKNQVAMNPTNT IFDAKRLIGRKFGDATVQSDMKHWPFRVVSEGGKPKVQVEYKGETKTFFPEEISSMVLTKMKEIA EAYLGKGVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRIINEPTAAAIAAYGLDKKGCAGGEKNVLI FDLGGGTFDVSILTIEDGIFEVKSTAGDTHLGGEDFDNRMVSHLAEFVKRKHKKDIGPNKRAVRRL RTACERAKRTLSSSTQASIEIDSLYEGVDFYTSITRARFEELNADLFRGTLPEVEKALRDAKLDKGQ IQEMLVGGSTRIPKIQKLLQDFFNGKELNKSINPDEAVAYGAAVQAAAILIGDKSENVQDLLLLDVTP SLGIETAGGVMTPLIKRNTTIPTKQTQTFTTYSNQSSVLVQVYEGERAMTKDNNLLGKFDLTGIPP APRGVPQIEVTFDIDANGILNVTADKSTGKENKITITNDKGRLSKDDIDRMVQEAERYKSEDEANR DRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKILDKCQEVINWLDNRNQMAEKDEYEHKQKE LERVCNPIISKLYQGGPGGGSGGGGSGASGGPTIEEVD
Host	Mouse
Reactivity	Human
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (96.03 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 (Cell lysate)

HSPA2 monoclonal antibody (M03), clone 2D11 Western Blot analysis of HSPA2 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HSPA2 transfected lysate using anti-HSPA2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HSPA2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSPA2 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HSPA2

Entrez GeneID	3306
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GeneBank Accession#	BC001752
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Protein Accession#	AAH01752
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Gene Name	HSPA2
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Gene Alias	HSP70-2, HSP70-3
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Gene Description	heat shock 70kDa protein 2
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Omim ID	140560
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Gene Ontology	Hyperlink
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Other Designations	OTTHUMP00000180664 heat shock 70kD protein 2
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Publication Reference

- [Polychlorinated biphenyls have inhibitory effect on testicular steroidogenesis by downregulation of P45017{alpha} and P450scc.](#)

Han DY, Kang SR, Park OS, Cho JH, Won CK, Park HS, Park KI, Kim EH, Kim GS.

Toxicology and Industrial Health 2010 Jun; 26(5):287.

Application: WB-Ti, Rat, Rat testes

Pathway

- [Antigen processing and presentation](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Bone Resorption](#)
- [Cognition](#)
- [Colitis](#)
- [Community-Acquired Infections](#)
- [Crohn Disease](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Helicobacter Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Intestinal Diseases](#)
- [Leishmaniasis](#)

- [Lupus Erythematosus](#)
- [Metaplasia](#)
- [Osteoporosis](#)
- [Pancreatitis](#)
- [Pneumonia](#)
- [Precancerous Conditions](#)
- [Shock](#)
- [Spondylitis](#)