

## Datasheet

### HSPA2 monoclonal antibody (M06), clone S51

**Catalog Number:** H00003306-M06

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant HSPA2.

**Clone Name:** S51

**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:**

MSARGPAIGIDLGTTYSCVGVFQHGKVEIIANDQGNRT  
TPSYVAFTDTERLIGDAAKNQVAMNPTNTIFDAKRLIG  
RKFGDATVQSDMKHWPFRVSEGGKPKVQVEYKGET  
KTFPPEEISSMVLTKMKEIAEAYLGKVVHSAVITVPAYF  
NDSQRQATKDAGTITGLNVLRIINEPTAAAIA YGLDKKG  
CAGGEKNVLI FDLGGGTFDVSILTIEDGIFEVKSTAGDT  
HLGGEDFDNRMVSHLAEFKRKHKKDIGPNKRAVRRRL  
RTACERAKRTLSSSTQASIEIDSLYEGVDFYTSITRARF  
EELNADLFRGTLEPVEKALRDAKLDKGQIQEIVLVGGS  
TRIPKIQKLLQDF FNGKELNKSINPDEAVAYGAAVQAAI  
LIGDKSENVQDLLLLDVTPLSLGIETAGGVM TPLIKRNT  
TIPTKQTQTFTTYS DNQSSVLVQVYEGERAMTKDNNL  
LGKFDLTGIPPAPRGVPQIEVTFDIDANGILNVTAADKS  
TGKENKITITNDKGRLSKDDIDRMVQEAERYKSEDEAN  
RDRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKI  
LDKCQEVINWLDNRNQMAEKDEYEHKQKELERVCNPII  
SKLYQGGPGGGSGGGGSGASGGPTIEEVD

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, IP, S-ELISA, WB-Ce,  
WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3306

**Gene Symbol:** HSPA2

**Gene Alias:** HSP70-2, HSP70-3

**References:**

1. Bat3 deficiency accelerates the degradation of Hsp70-2/HspA2 during spermatogenesis. Sasaki T, Marcon E, McQuire T, Arai Y, Moens PB, Okada H. J Cell Biol. 2008 Aug 11;182(3):449-58. Epub 2008 Aug 4.