

HSPA1L rabbit monoclonal antibody

Catalog # H00003305-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HSPA1L peptide using ARM Technology.
Immunogen	A synthetic peptide of human HSPA1L is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HSPA1L peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HSPA1L

Entrez GeneID	3305
GeneBank Accession#	HSPA1L
Gene Name	HSPA1L
Gene Alias	HSP70-1L, HSP70-HOM, HSP70T, hum70t
Gene Description	heat shock 70kDa protein 1-like
Omim ID	140559
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a 70kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein. [provided by RefSeq]
Other Designations	OTTHUMP00000029295 heat shock 10kDa protein 1-like heat shock 70kD protein-like 1

Pathway

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

Disease

- [Abortion](#)
- [Acute Disease](#)
- [AIDS-Related Opportunistic Infections](#)
- [Altitude Sickness](#)

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atrial Fibrillation](#)
- [Bone Resorption](#)
- [Brain Ischemia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Cognition](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Disease](#)
- [Critical Illness](#)
- [Crohn Disease](#)
- [Cross Infection](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Foot](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Epidermal Necrolysis](#)
- [Exanthema](#)

- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Hearing Loss](#)
- [Helicobacter Infections](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leishmaniasis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Organ Failure](#)
- [Multiple Sclerosis](#)
- [Multiple Trauma](#)
- [Musculoskeletal Diseases](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Pneumonia](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)

- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Pulmonary Edema](#)
- [Recurrence](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Skin Diseases](#)
- [Spondylarthropathies](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Syndrome](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Thyroiditis](#)
- [Uveitis](#)