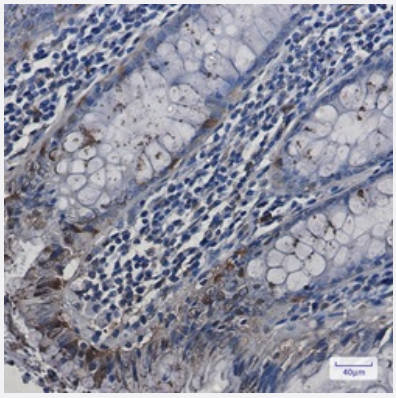
RecomAb™

HSPA2 recombinant monoclonal antibody, clone R08-4A4

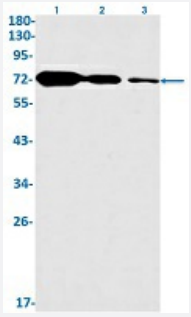
Catalog # RAB02193 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with HSPA2 recombinant monoclonal antibody, clone R08-4A4 (Cat # RAB02193). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western Blot

Western Blot analysis of Lane 1: rat brain, Lane 2: C6 and Lane 3: 3T3 lysates with HSPA2 recombinant monoclonal antibody, clone R08-4A4 (Cat # RAB02193).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HSPA2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human HSPA2.
Theoretical MW (kDa)	Calculated MW: 70 kD
Reactivity	Human, Mouse, Rat

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Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Western Blot

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Gene Info — HSPA2

Entrez GeneID	3306
Protein Accession#	P54652
Gene Name	HSPA2
Gene Alias	HSP70-2, HSP70-3
Gene Description	heat shock 70kDa protein 2

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Omim ID	140560
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000180664|heat shock 70kD protein 2

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

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- Pancreatitis
- Pneumonia
- Precancerous Conditions
- Shock
- Spondylitis

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