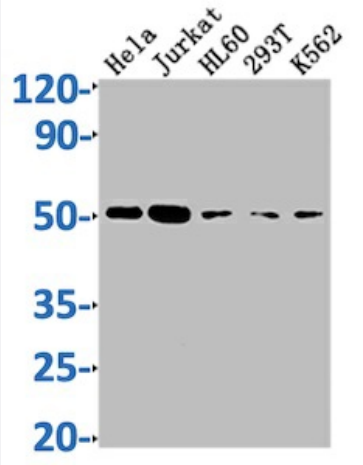
RecomAb™

CASP2 recombinant monoclonal antibody, clone 7E5

Catalog # RAB04007 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: Jurkat whole cell lysate; Lane 3: HL60 whole cell lysate; Lane 4: 293T whole cell lysate; Lane 5: K562 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CASP2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CASP2.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG

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Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °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.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

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Gene Info — CASP2

Entrez GeneID	835
Protein Accession#	P42575
Gene Name	CASP2
Gene Alias	CASP-2, ICH-1L, ICH-1L/1S, ICH1, NEDD2
Gene Description	caspase 2, apoptosis-related cysteine peptidase
Omim ID	600639
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apopto sis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved a spartic residues to produce two subunits, large and small, that dimerize to form the active enzyme . The proteolytic cleavage of this protein is induced by a variety of apoptotic stimuli. Alternative spl icing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq
Other Designations	ICH-1 protease|NEDD2 apoptosis regulatory|caspase 2|neural precursor cell expressed, develop mentally down-regulated 2

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Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Sclerosis
- Neoplasm Recurrence
- Neoplasms
- Occupational Diseases
- Prostatic Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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