RecomAb™

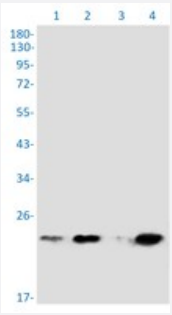
CRADD recombinant monoclonal antibody, clone R02-1B3

Catalog # RAB04456 Size 100 uL

Applications

Immunocytochemistry

Immunocytochemistry staining of HeLa cells with CRADD recombinant monoclonal antibody, clone R02-1B3 (Cat # RAB04456) (green). DAPI was stained the cell nucleus (blue).



Western Blot

Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate, Lane 3: MCF-7 whole cell lysate and Lane 4: 293T whole cell lysate with CRADD recombinant monoclonal antibody, clone R02-1B3 (Cat # RAB04456).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CRADD.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CRADD.
Theoretical MW (kDa)	Calculated MW: 23 kD
Reactivity	Human
Form	Liquid

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Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Immunoprecipitation (1:20) 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 4°C. For long term storage 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.

Applications

- Immunofluorescence
- Immunocytochemistry

  Immunocytochemistry staining of HeLa cells with CRADD recombinant monoclonal antibody, clone R02-1B3 (Cat # RAB04456) (green). DAPI was stained the cell nucleus (blue).

- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate, Lane 3: MCF-7 whole cell lysate and Lane 4: 293T whole cell lysate with CRADD recombinant monoclonal antibody, clone R02-1B3 (Cat # RAB04456).

Gene Info — CRADD

Entrez GeneID	8738
Protein Accession#	P78560
Gene Name	CRADD
Gene Alias	MGC9163, RAIDD

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Gene Description	CASP2 and RIPK1 domain containing adaptor with death domain
Omim ID	603454
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a death domain (CARD/DD)-containing protein and has bee n shown to induce cell apoptosis. Through its CARD domain, this protein interacts with, and thus r ecruits, caspase 2/ICH1 to the cell death signal transduction complex that includes tumor necrosis factor receptor 1 (TNFR1A), RIPK1/RIP kinase, and numbers of other CARD domain-containing p roteins. [provided by RefSeq
Other Designations	RIP-associated ICH1/CED3-homologous protein with death domain|RIP-associated protein with a death domain|caspase and RIP adaptor with death domain|death adaptor molecule RAIDD|dea th domain containing protein CRADD

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Narcolepsy

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