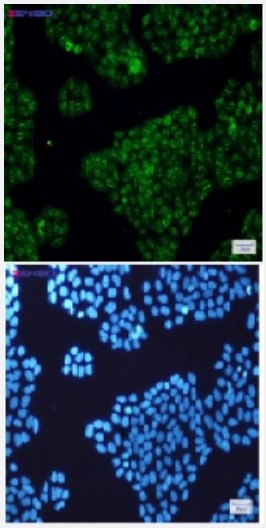
RecomAb™

CALB2 recombinant monoclonal antibody, clone R01-2G7

Catalog # RAB01544 Size 100 uL

Applications



Immunocytochemistry

Immunocytochemistry analysis of Calretinin(green) in Hela using human Calretinin recombinant monoclonal antibody, clone R01-2G7 (Cat # RAB01544), and DAPI(blue).



Western Blot

Western blot analysis of Calretinin in rat Brain lysates using human Calretinin recombinant monoclonal antibody, clone R01-2G7 (Cat # RAB01544).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Calretinin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Calretinin
Theoretical MW (kDa)	Calculated MW: 32 kD

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Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) 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 short term. 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

- Immunocytochemistry

  Immunocytochemistry analysis of Calretinin(green) in Hela using human Calretinin recombinant monoclonal antibody, clone R01-2G7 (Cat # RAB01544), and DAPI(blue).

- Western Blot

  Western blot analysis of Calretinin in rat Brain lysates using human Calretinin recombinant monoclonal antibody, clone R01-2G7 (Cat # RAB01544).

Gene Info — CALB2

Entrez GeneID	794
Protein Accession#	P22676
Gene Name	CALB2
Gene Alias	CAL2
Gene Description	calbindin 2
Omim ID	114051

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. Three alternatively spliced transcript variants that encode different proteins have been described. [provided by RefSeq
Other Designations	calbindin 2, (29kD, calretinin)|calbindin D29K|calretinin

Disease

- Colon cancer
- Colonic Neoplasms
- Genetic Predisposition to Disease

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