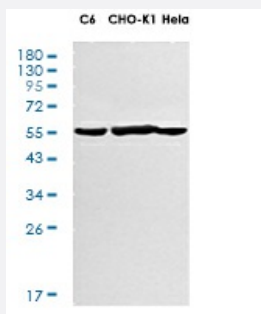


RecomAb™

VIM recombinant monoclonal antibody, clone R02-8C4

Catalog # RAB01197 Size 100 uL

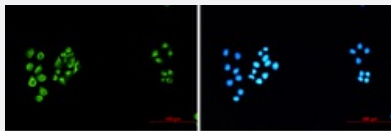
Applications



Western Blot

Western blot analysis of Vimentin in C6, CHO-K1, Hela lysates using Vimentin antibody.

Immunocytochemistry



Immunocytochemistry analysis of Vimentin (green) in Hela using Vimentin antibody, and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human VIM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Vimentin.
Theoretical MW (kDa)	Calculated MW: 54 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot Immunohistochemistry (Frozen sections) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunocytochemistry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Vimentin in C6, CHO-K1, Hela lysates using Vimentin antibody.

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

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

Immunocytochemistry analysis of Vimentin (green) in Hela using Vimentin antibody, and DAPI (blue).

- Immunofluorescence

Gene Info — VIM

Entrez GeneID	7431
Protein Accession#	P08670
Gene Name	VIM
Gene Alias	FLJ36605
Gene Description	vimentin

Omim ID [193060](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract

Other Designations OTTHUMP00000019224

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)