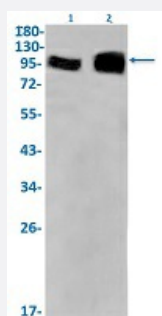


RecomAb™

EZH2 recombinant monoclonal antibody, clone R07-5B1

Catalog # RAB02148 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: C6 and Lane 2: 3T3 lysates with EZH2 recombinant monoclonal antibody, clone R07-5B1 (Cat # RAB02148).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EZH2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human EZH2.
Theoretical MW (kDa)	Calculated MW: 85 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
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 -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 Lane 1: C6 and Lane 2: 3T3 lysates with EZH2 recombinant monoclonal antibody, clone R07-5B1 (Cat # RAB02148).

- Immunofluorescence

Gene Info — EZH2

Entrez GeneID[2146](#)**Protein Accession#**[Q15910](#)**Gene Name**

EZH2

Gene Alias

ENX-1, EZH1, KMT6, MGC9169

Gene Description

enhancer of zeste homolog 2 (Drosophila)

Omim ID[601573](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

enhancer of zeste 2

Disease

- [Adenocarcinoma](#)

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Tobacco Use Disorder](#)