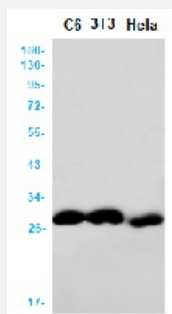


RecomAb™

# ALKBH2 recombinant monoclonal antibody, clone R05-5H7

Catalog # RAB01616      Size 100 uL

## Applications



### Western Blot

Western blot analysis of ALKBH2 in C6, 3T3, HeLa lysates using human ALKBH2 recombinant monoclonal antibody, clone R05-5H7 (Cat # RAB01616).

## Specification

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit recombinant monoclonal antibody raised against synthetic peptide of human ALKBH2.          |
| <b>Antibody Species</b>     | Rabbit                                                                                            |
| <b>Immunogen</b>            | Original antibody is raised against a synthetic peptide corresponding to human ALKBH2             |
| <b>Theoretical MW (kDa)</b> | Calculated MW: 29 kD                                                                              |
| <b>Reactivity</b>           | Human                                                                                             |
| <b>Form</b>                 | Liquid                                                                                            |
| <b>Purification</b>         | Affinity purification                                                                             |
| <b>Isotype</b>              | IgG                                                                                               |
| <b>Recommend Usage</b>      | Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | 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 should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of ALKBH2 in C6, 3T3, Hela lysates using human ALKBH2 recombinant monoclonal antibody, clone R05-5H7 (Cat # RAB01616).

## Gene Info — ALKBH2

Entrez GeneID [121642](#)

Protein Accession# [Q6NS38](#)

Gene Name ALKBH2

Gene Alias ABH2, MGC90512, hABH2

Gene Description alkB, alkylation repair homolog 2 (E. coli)

Omim ID [610602](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 and ALKBH3 (MIM 610603) are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM]

**Other Designations** 2OG-Fe(II) oxy DC1|alkB, alkylation repair homolog 2

## Disease

- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Werner syndrome](#)