

# HGD Rabbit mAb

Catalog NO.: A1400 **Recombinant**

## Basic Information

### Observed MW

50kDa

### Calculated MW

50kDa

### Category

Monoclonal Antibodies

### Applications

WB, ELISA

### Cross-Reactivity

Human

### Conjugation

Unconjugated

### Clone number

ARC2561

## Background

This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.

## Recommended Dilutions

**WB** 1:500 - 1:1000

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

| Gene ID | Swiss Prot |
|---------|------------|
| 3081    | Q93099     |

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

AKU; HGO; HGD

## Contact

## Product Information

|   |  |                      |
|---|--|----------------------|
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| ☒ |  | service@abclonal.com |
| ☒ |  | www.abclonal.com     |

**Source**

Rabbit

**Isotype**

IgG

**Purification**

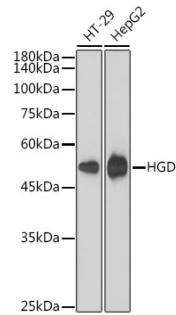
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

**Validation Data**



Western blot analysis of various lysates using HGD Rabbit mAb (A1400) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.

