

# HYAL1 Rabbit mAb

Catalog No.: A23834 **Recombinant**

## Basic Information

**Observed MW**

60kDa

**Calculated MW**

10kDa/19kDa/23kDa/27kDa/37kDa/45kDa/48kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human

**CloneNo number**

ARC62100

## Recommended Dilutions

WB 1:1000 - 1:5000

## Background

This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

**Gene ID**

3373

**Swiss Prot**

Q12794

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 22-435 of human HYAL1(NP\_149349.2).

**Synonyms**

HYAL1; HYAL-1; LUCA1; MPS9; NAT6; hyaluronidase-1

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

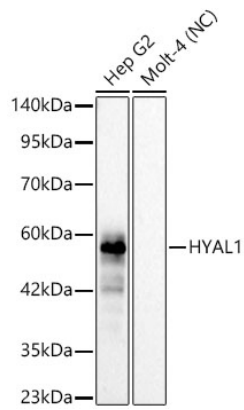
**Storage**

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates, using HYAL1 Rabbit mAb (A23834) at 1:1500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): MOLT-4  
Exposure time: 60s.