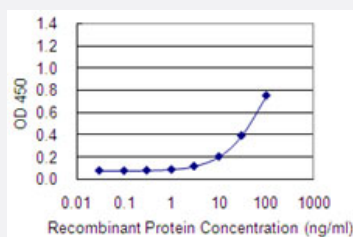


# HYAL4 monoclonal antibody (M03), clone 1B10

Catalog # H00023553-M03

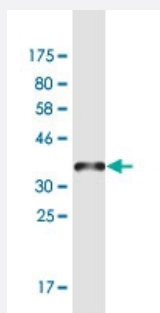
Size 50 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HYAL4 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HYAL4.

### Immunogen

HYAL4 (NP\_036401.1, 357 a.a. ~ 456 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

FVSSDLGSYIANVTRAAEVC SLHLCRNNGRCIRKMWNAPSYLHNPASYHIEASEDGEFTVKGKA  
SDTDLAVMADTF SCHCYQGYEGADCREIKTADGCS

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (79); Rat (73)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HYAL4 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HYAL4

Entrez GeneID	<a href="#">23553</a>
GeneBank Accession#	<a href="#">NM_012269</a>
Protein Accession#	<a href="#">NP_036401.1</a>
Gene Name	HYAL4
Gene Alias	-
Gene Description	hyaluronoglucosaminidase 4
Omim ID	<a href="#">604510</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a protein which is similar in structure to hyaluronidases. 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. However, this protein has not yet been shown to have hyaluronidase activity. [provided by RefSeq]

**Other Designations**

hyaluronidase 4

**Disease**

- [Tobacco Use Disorder](#)