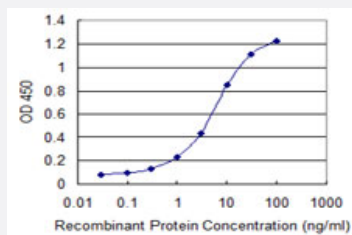


# HIPK1 monoclonal antibody (M05), clone 4D5

Catalog # H00204851-M05

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIPK1 is 0.1 ng/ml as a capture antibody.

Western Blot detection against Immunogen (36.52 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HIPK1.

### Immunogen

HIPK1 (AAH28408, 330 a.a. ~ 430 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

CTPLMVATLHPQVATITPQYAVPFTLSCAAGRPALVEQTA AVLQAWPGGTQQILLPSTWQQLPGV  
ALHNSVQPTAMIP EAMGSGGQLADWRNAHSHGNQYS

### Host

Mouse

### Reactivity

Human

### Isotype

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.52 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 HIPK1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HIPK1

**Entrez GeneID**

[204851](#)

**GeneBank Accession#**

[BC028408](#)

**Protein Accession#**

[AAH28408](#)

**Gene Name**

HIPK1

**Gene Alias**

KIAA0630, MGC26642, MGC33446, MGC33548, Myak, Nbak2

**Gene Description**

homeodomain interacting protein kinase 1

**Omim ID**

[608003](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms. [provided by RefSeq]

**Other Designations**

OTTHUMP00000013763|OTTHUMP00000013764|OTTHUMP00000013767|OTTHUMP00000013768|homeodomain interacting protein kinase 1-like protein|homeodomain-interacting protein kinase 1|nuclear body associated kinase 2b

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