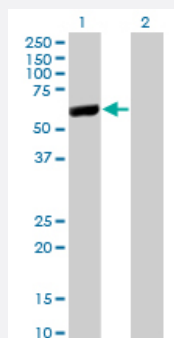


# LAP3 monoclonal antibody (M02), clone 4G10

Catalog # H00051056-M02

Size 100 ug

## Applications

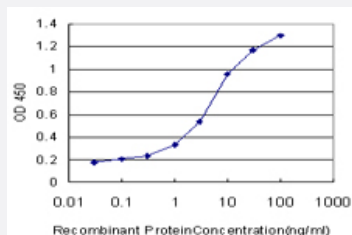


### Western Blot (Transfected lysate)

Western Blot analysis of LAP3 expression in transfected 293T cell line by LAP3 monoclonal antibody (M02), clone 4G10.

Lane 1: LAP3 transfected lysate (56.2 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LAP3 is approximately 0.03 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant LAP3.
<b>Immunogen</b>	LAP3 (NP_056991, 420 a.a. ~ 519 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EASLETGDRVWRMPLFEHYTRQVVDCLADVNNIGKYRSAGACTAAAFLEFVTHPKWAHLDIAGVMTNKDEVLPYLRKGMTGRPTRTLIEFLLRFSQDNA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (Transfected lysate)

Western Blot analysis of LAP3 expression in transfected 293T cell line by LAP3 monoclonal antibody (M02), clone 4G10.

Lane 1: LAP3 transfected lysate(56.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LAP3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — LAP3

Entrez GeneID	<a href="#">51056</a>
GeneBank Accession#	<a href="#">NM_015907</a>
Protein Accession#	<a href="#">NP_056991</a>
Gene Name	LAP3
Gene Alias	LAP, LAPEP, PEPS
Gene Description	leucine aminopeptidase 3
Omim ID	<a href="#">170250</a>
Gene Ontology	<a href="#">Hyperlink</a>

## Other Designations

peptidase S

## Pathway

- [Arginine and proline metabolism](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)

## Disease

- [Tobacco Use Disorder](#)