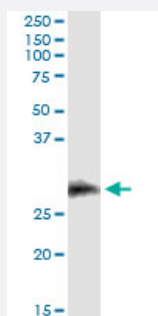


# CD7 monoclonal antibody (M04), clone 1B8

Catalog # H00000924-M04

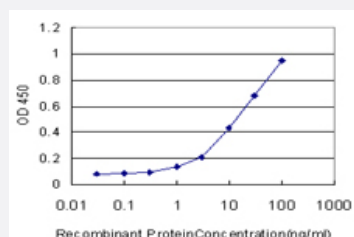
Size 100 ug

## Applications



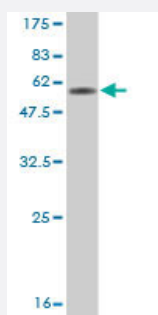
### Immunoprecipitation

Immunoprecipitation of CD7 transfected lysate using anti-CD7 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD7 MaxPab rabbit polyclonal antibody.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD7 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.94 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant CD7.

<b>Immunogen</b>	CD7 (AAH09293, 21 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	PGALAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGMYLRQLGPQPQDIYYEDGVVPTTDRRFRGRIDFSGSQDNLTTMHLRLQLSDTGTYTCQAITEVNVYGSGLVLVTEEQSQGWHRCSDAPPRASALPAPPTGSALPDPQTASALPDPPAASALPAALAVISFLLGLGLGVACVLARTQIKKLC SWRDKNSAACVVYEDMSHSRCNTLSSPNQYQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.94 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CD7 transfected lysate using anti-CD7 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD7 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD7 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CD7

Entrez GeneID

[924](#)

GeneBank Accession#	<a href="#">BC009293</a>
Protein Accession#	<a href="#">AAH09293</a>
Gene Name	CD7
Gene Alias	GP40, LEU-9, TP41, Tp40
Gene Description	CD7 molecule
Omim ID	<a href="#">186820</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. [provided by RefSeq]
Other Designations	CD7 antigen CD7 antigen (p41) T-cell antigen CD7 T-cell leukemia antigen p41 protein

## Pathway

- [Hematopoietic cell lineage](#)