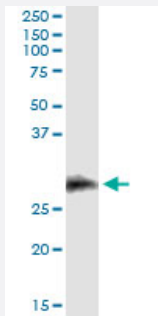


CD7 monoclonal antibody (M04), clone 1B8

Catalog # H00000924-M04

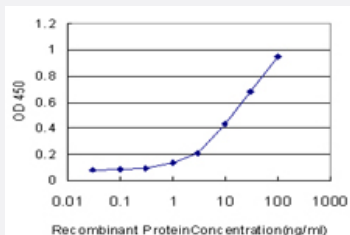
Size 100 ug

Applications



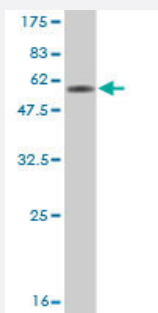
Immunoprecipitation

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.

| | |
|-------------------------|---|
| Immunogen | CD7 (AAH09293, 21 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | PGALAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGMYLRQLGPQPQDIYYEDGVVPTTDRRFRGRIDFSGSQDNLTTMHLRLQLSDTGTYTCQAITEVNVYSGTLVLVTEEQSQGWHRCSDAPPRASALPAPPTGSALPDPQTASALPDPPAASALPAALAVISFLLGLGLGVACVLARTQIKKLC SWRDKNSAACVVYEDMSHSRCNTLSSPNQYQ |
| Host | Mouse |
| Reactivity | Human |
| Isotype | IgG2b Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.94 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](#)

- 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](#)

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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# | BC009293 |
| Protein Accession# | AAH09293 |
| Gene Name | CD7 |
| Gene Alias | GP40, LEU-9, TP41, Tp40 |
| Gene Description | CD7 molecule |
| Omim ID | 186820 |
| Gene Ontology | Hyperlink |
| 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](#)