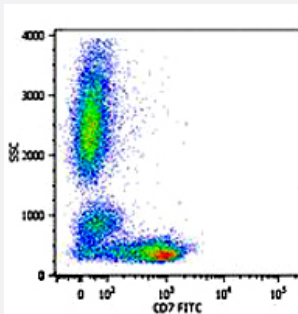


CD7 monoclonal antibody, clone MEM-186

Catalog # MAB0873 Size 100 ug

Applications



Flow Cytometry

Surface staining of human peripheral blood cells as NK cells with CD7 monoclonal antibody, clone MEM - 186 (Cat # MAB0873) .

Specification

Product Description	Mouse monoclonal antibody raised against native CD7.
Immunogen	Native purified CD7 from human acute myelogenous leukemia cell line KG-1.
Host	Mouse
Theoretical MW (kDa)	40
Reactivity	Human
Specificity	The antibody reacts with CD7, a 40 kDa type I transmembrane glycoprotein expressed on peripheral blood T lymphocytes, NK-cells, hematopoietic progenitors, monocytes (weakly) and also on acute lymphocytic leukemia.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction

Store at 4°C. Do not freeze.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation
- Flow Cytometry

Surface staining of human peripheral blood cells as NK cells with CD7 monoclonal antibody, clone MEM - 186 (Cat # MAB0873)

Gene Info — CD7

Entrez GeneID	924
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](#)