

## Datasheet

### CD7 monoclonal antibody, clone MEM-186 (PerCP)

**Catalog Number:** MAB10231

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against of CD7.

**Clone Name:** MEM-186

**Immunogen:** Human acute myelogenous leukaemia cell line KG-1.

**Host:** Mouse

**Theoretical MW (kDa):** 40

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-P, IP, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** CD7, a type I transmembrane glycoprotein expressed on peripheral blood T lymphocytes, NK-cells, hematopoietic progenitors, monocytes (weakly) and also on acute lymphocytic leukemia.

**Form:** Liquid

**Conjugation:** PerCP

**Purification:** Size-exclusion chromatography purification

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (10 uL reagent/100 uL of whole blood or 10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.2% BSA, 0.09% sodium azide)

**Storage Instruction:** Store at 4°C. Do not freeze.

**Entrez GeneID:** 924

**Gene Symbol:** CD7

**Gene Alias:** GP40, LEU-9, TP41, Tp40

**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]