

**anti-human CD4 purified****Cat-No.:** H12197**0.1 mg****Clone:** MEM-115**Specificity:**

The antibody recognizes an epitope in the D1 domain of CD4 antigen, a transmembrane glycoprotein (59 kDa) of the immunoglobulin supergene family present on subset of T lymphocytes ("helper/inducer" T cells) and also expressed at a lower level on monocytes and granulocytes.

**Isotype subclass:** Mouse IgG2a**Form:**

Purified from ascites by protein-A affinity chromatography.

**Purity:** > 95% (by SDS-PAGE)**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS containing 15 mM sodium azide (pH 7.4)

**Expiration date:**

The reagent is stable until the expiry date stated on the vial label

**Storage conditions:**

Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:**

Immunoprecipitation

Functional Application: The antibody MEM-115 blocks binding of HIV gp120 to CD4 molecule and it also strongly inhibits CD4-MHC Class II interactions.

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only.

EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.