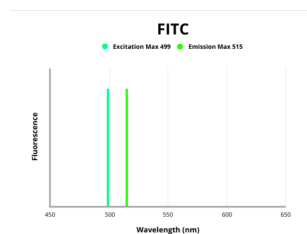


## Cluster of Differentiation 8 (CD8) Antibody (FITC)

Catalogue No.: abx139160



Fluorescence emission spectra of FITC.

CD8 Antibody is a Mouse Monoclonal against CD8.

**Target:** Cluster of Differentiation 8 (CD8)

**Clonality:** Monoclonal

**Clone:** V034

**Reactivity:** Human

**Tested Applications:** FCM

**Host:** Mouse

**Recommended dilutions:** FCM: 20 µl/100 µl of whole blood or 10<sup>6</sup> cells. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests.

**Conjugation:** FITC

**Excitation/Emission:** 499/515

**Laser Line:** 488

**Immunogen:** Crude thymus membrane fraction.

**Isotype:** IgG<sub>2a</sub>

**Storage:** Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.

**UniProt Primary AC:** P01732 ([UniProt](#), [ExPASy](#))

**GeneID:** [925](#)

# Datasheet

Version: 2.0.0  
Revision date: 15 Jul 2025



**KEGG:** hsa:925

**String:** [9606.ENSP00000386559](#)

**Buffer:** Stabilizing PBS solution containing 15 mM sodium azide.

**Specificity:** The antibody recognizes a conformationally-dependent epitope of CD8, a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. CD8 is a disulfide-linked dimer and exists as a CD8 alpha/alpha homodimer or CD8 alpha/beta heterodimer (each monomer approx. 32-34 kDa).

**The antibody does not react with formaldehyde-fixed cells; negative in Western Blotting application.**

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only