

## Datasheet

### CD8A monoclonal antibody, clone COV8 (FITC)

**Catalog Number:** MAB12379

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

**Product Description:** Mouse monoclonal antibody raised against human CD8A.

**Clone Name:** COV8

**Immunogen:** CD8A

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IF  
(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

**Form:** Liquid

**Conjugation:** FITC

**Purification:** Protein A/G affinity chromatography

**Isotype:** IgG1

**Recommend Usage:** Flow cytometry  
Immunofluorescence  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (0.09% sodium azide, 0.2% BSA)

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

**Entrez GeneID:** 925

**Gene Symbol:** CD8A

**Gene Alias:** CD8, Leu2, MAL, p32

**Gene Summary:** The CD8 antigen is a cell surface

glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a corepressor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]