

## Datasheet

### FCER2 monoclonal antibody, clone Tu1

**Catalog Number:** MAB8550

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

**Product Description:** Mouse monoclonal antibody raised against full length native FCER2.

**Clone Name:** Tu1

**Immunogen:** Native purified FCER2 from human Tonsil lymphocytes.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr

(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:** This antibody is specific to FCEP2.

**Form:** Liquid

**Isotype:** IgG3

**Recommend Usage:** Flow cytometry (1 ug/10<sup>6</sup> cells)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 2208

**Gene Symbol:** FCER2

**Gene Alias:** CD23, CD23A, CLEC4J, FCE2, IGBF

**Gene Summary:** The human leukocyte differentiation antigen CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for

IgE. The truncated molecule can be secreted, then functioning as a potent mitogenic growth factor.[supplied by OMIM]

#### References:

1. A new role for CD23 in inflammation. Bonnefoy JY, Plater-Zyberk C, Lecoanet-Henchoz S, Gauchat JF, Aubry JP, Graber P. Immunol Today. 1996 Sep;17(9):418-20.
2. Regulation of IgE synthesis. Lessons from the study of IgE transgenic and CD23-deficient mice. Lamers MC, Yu P. Immunol Rev. 1995 Dec;148:71-95.
3. CD23 and B-cell activation. Bonnefoy JY, Lecoanet-Henchoz S, Aubry JP, Gauchat JF, Graber P. Curr Opin Immunol. 1995 Jun;7(3):355-9.