

Product datasheet for **TA386360**

CD15 Mouse Monoclonal Antibody [Clone ID: BRA-4F1]

Product data:

Product Type: Primary Antibodies

Clone Name: BRA-4F1

Applications: FC, IF, IHC, IP

Reactivity: Human

Host: Mouse

Isotype: IgM, kappa

Clonality: Monoclonal

Immunogen: This antibody was raised by immunizing mice with human CD15.

Specificity: This antibody is specific for CD15 (Appelmek. et al, 1996, pmid:8675304). It also shows crossreactivity with the CD15 antigen from other species.

This antibody has been used in flow cytometry (Appelmek. et al, 1996). The antibody has been shown to be useful in immunohistochemistry (Appelmek. et al, 1996). The antibody is utilized in immunoprecipitation (Akin. et al, 2000). Immunofluorescence is a proven application of this antibody (Vilella. et al, 2003). CD15 is expressed in Reed-Sternberg cells, which are a sign of Hodgkin's lymphoma, and thus the antibody can be used in immunohistochemistry to detect this kind of cancer (Trillo-Tinoco. et al, 2019). Finally, BRA-4F1 can be used in fertility research as the CD15 antigen is a molecule that is necessary for a sperm cell to recognize and fertilize an egg cell.

Formulation: PBS with 0.02% Proclin 300.

Concentration: lot specific

Conjugation: Unconjugated

Storage: Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.

Stability: 3 years from dispatch.



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