

Product datasheet for **TA386382**

CD4 Mouse Monoclonal Antibody [Clone ID: EDU-2 (B486)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	EDU-2 (B486)
Applications:	FC, IF, IHC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with stimulated human leukocytes.
Specificity:	EDU-2 (B486) recognizes CD4, which is a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus.

This antibody is recommended for the detection of CD4 via immunofluorescence and flow cytometry. For instance, one group utilized EDU-2 antibody to identify CD4-positive cells via a modified flow cytometric assay in order to develop efficient and cost-effective method for HIV infection monitoring (Barbesti et al., 2005). Furthermore, EDU-2 antibody was also used to differentiate between different subsets of dendritic cells (Maniecki et al., 2006).

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.
Gene Name:	CD4 molecule
Database Link:	Entrez Gene 920 Human P01730
Synonyms:	CD4mut



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