9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

43-1028: Monoclonal Antibody to Human CD3 NALE™ Purified (Clone: UCHT1)

Clonality : Monoclonal
Clone Name : UCHT1
Application : FACS
Reactivity : Human
Gene : CD247
Gene ID : 919
Uniprot ID : P20963
Isotype : Mouse IgG1, kappa

Description

The UCHT1 monoclonal antibody specifically reacts with the Epsilon chain of the CD3/T lymphocyte antigen receptor complex. The CD3 complex contains Gamma, Delta, and Epsilon chains, and it is part of the TCR complex, expressed by all mature T lymphocytes and by the thymocyte lineage. CD3 enhances the antigen recognition by signal transduction. Unlike HIT3a, another specific antibody of CD3, the UCHT1 antibody can stain both the surface and intracellular CD3Epsilon. The immobilized UCHT1 can cross-link with the TCR complex, enhancing cellular activation and proliferation.

Product Info

Amount :	100ug / 500 µg
Content :	2 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.