

Product datasheet for **TA385677**

CD3E Mouse Monoclonal Antibody [Clone ID: UCHT1]

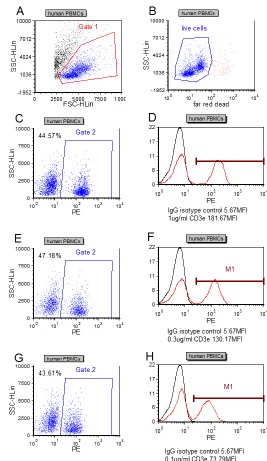
Product data:

Product Type:	Primary Antibodies
Clone Name:	UCHT1
Applications:	FC, IHC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Human infant thymocytes.
Specificity:	Epitopes on CD3- ϵ found in heterodimers with CD3- δ and with CD3- γ of α/β T cell receptor (TCR). This antibody binds to murine CD3 epsilon. It partially cross-blocks binding of clone 500A2 (Ab00212) indicating that overlapping epitopes are detected by these antibodies.
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:	CD3e molecule
Database Link:	Entrez Gene 916 Human P07766
Synonyms:	CD3-epsilon; FLJ18683; T3E; TCRE



[View online »](#)

Product images:



Flow-cytometric analysis of the dose-dependency (D, F, H) of anti-hCD3e antibody binding to live human PBMCs (B). The gating strategy is shown for control purposes (A, B, C, E, G).



Approx 23 kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW human CD3 epsilon (NP_000724.1) is 23.1kDa. Recommended antibody concentration: 3-4µg/ml.

Western Blot analysis of TA385677 (3 µg/ml) staining of Jurkat (A) and Molt4 (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.