

anti-human CD8

Monoclonal antibody UCHT-4 to human CD8

Cat-No: **21620081**

100 µg in 100 µl

Clone: UCHT-4

Specificity: The UCHT-4 antibody recognises the CD8 alpha antigen on human cytotoxic/suppressor T-cells. On flow cytometry it stains 14-45% of human peripheral blood mononuclear cells. The antibody has been studied at the III. International Workshop on Human Leukocyte Differentiation Antigens. CD8 is a TCR coreceptor molecule binding MHC class I. The CD8 antigen is expressed on human suppressor/cytotoxic T-cells, human NK-cell subset, cortical thymocyte subset and granulocytes.

Isotype subclass: Mouse IgG2a/kappa

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at 4°C. For long-term aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: The UCHT-4 antibody is recommended for frozen tissue sections, histology and for flow cytometry.

References:

1. Beverley, P., Proceedings of the Royal Society of Edinburgh 81B: p221-232 (1982)
2. McMichael, A.J. et al. (eds.), Leucocyte typing III., Oxford University Press, Oxford, (1987)
3. Barclay, Brown et al., The Leukocyte Antigen FactsBook, 2nd edition, Harcourt Brace & Company, London, (1997)

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

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