

anti-human CD6 FITC-conjugated

FITC - conjugated monoclonal antibody MEM-98 to human CD6

Cat-No: **21270063**

500 µl

Clone: MEM-98

Specificity:

The MEM-98 antibody reacts with CD6, a 100-130 kD single chain transmembrane glycoprotein expressed on T and B lymphocytes subsets, thymocytes, and acute lymphocytic leukemia cells.

Isotype subclass: Mouse IgG1

Form: The purified antibody is conjugated with Fluoresceinisothiocyanate (FITC) under optimum conditions. The reagent is adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 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. Avoid prolonged exposure to light.

Application: Flow Cytometry

References: Bazil V. et al., Folia Biol. (Praha) 35, 35 (1989).

Background: CD6, also known as T12, is a member of the scavenger receptor superfamily found on T and B cell subsets, thymocytes, and acute lymphocytic leukemia cells (ALL). CD6 interacts with its ligand CD166/ALCAM (activated leukocyte cell adhesion molecule) and serves as a coreceptor for T cell activation and stabilizer of the immunological synapse. CD6-ALCAM mediated cell adhesion is also important for T cell proliferation. CD6 may exert some its functions via association with CD5, probably by fine-tuning CD5 signaling. Ligation of CD6 has antiapoptotic role in chronic lymphocytic leukemia B cells.

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

Gladiolenweg 2; 26169 Friesoythe; Germany
phone:+49-(0)4491-400997, fax:+49-(0)4491-400998, info@immunotools.com
www.immunotools.com