

**anti-human CD69 purified****Cat-No.: H12418****0.1 mg****Clone:** FN50**Specificity:**

This antibody recognises the the CD69 antigen. CD69 is an early activation marker (within 2h) on T, B and NK-cells, possibly involved in signal transduction. It is also expressed by activated platelets (1). On flow cytometry the antibody stains > 90% of activated human peripheral blood lymphocytes. This antibody has been studied at the 4. International Workshop on Human Leucocyte Differentiation Antigens (2).

**Isotype subclass:** mouse IgG1/kappa**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS with 15 mM sodium azide (pH 7.4).

**Expiration date:**

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

**Storage conditions:**

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

**Application:**

The FN50 antibody is well suited for detection of CD69 in flow cytometry.

**References:**

1. Barclay, Brown et al., The Leucocyte Antigen FactsBook, 2<sup>nd</sup> edition, Harcourt Brace & Company, London (1997)
2. Knapp, W. et al. (eds), Leucocyte typing 4., Oxford University Press, Oxford, (1989)

**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 only**. Not for use in human. For in vitro use only.

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