

anti-human CD72 purified**Cat-No.: H12470** **0.1 mg****Clone:** BU40**Specificity:**

Recognises a type II integral heterodimeric membrane glycoprotein of 42kD under reducing conditions. The CD72 antigen is expressed at all stages of B cell maturation from “early” to “late”, but ceases on differentiation to plasma cells.

CD72 enhances CD40 induced signalling for humoral immune responses via interaction with CD100.

Isotype subclass: Mouse IgG2a**Form:** Purified by protein A chromatography.**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 0.09% 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:**

Flow Cytometry

Immunofluorescence

Immunoprecipitation

Immunohistochemistry (frozen sections)

On frozen tonsil sections BU40 strongly stains follicular mantle zone B cells. CD72 is also expressed on other cell types including dendritic cells.

References: Leucocyte Typing IV (1989), Oxford University Press**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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