

**anti-mouse CD45 FITC-conjugated****Cat-No.: M22130F**      **1 ml****Clone:** IBL-5/25**Specificity:**

The CD45 monoclonal antibody detects CD45 (L-CA) which is a transmembrane phosphotyrosine phosphatase expressed on leukocytes. This mAb induces the in vitro clustering of mouse lymphocytes (both T and B cells).

**Isotype subclass:** Rat IgG1/?**Form:** Purified , FITC conjugated**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 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. Do not freeze. Avoid prolonged exposure to light.

**Application:**

Flow Cytometry  
Immunoprecipitation  
Immunohistochemistry (acetone-fixed frozen sections)

**References:**

1. Balazas M., Horvath G., Balogh P. Simple determination for donor/host origin and donor leukocyte subsets in rat-mous chimeras. *Jimmunol Methods*. 1998 **218**:117-21.
2. Balogh P., Kumanovics A., Juhasz I. Studies on the tissue-related phenotypic heterogeneity of murine B cells. *Dev Immunol*. 1998 **6**: 179-85.

**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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