



PRODUCT DATA SHEET

Product: Anti-CD37, Clone IPO-24

Cat. No: MC-725 (100 µg)

Background:

CD37 is a member of the tetra-span trans-membrane family of proteins. Members of this family have potent effects on cell growth, motility, and adhesion. CD37 is found on mature B cells, and its expression is down-regulated with activation.

Specificity:

Binds the 40-52 kDa CD37.

Species Reactivity:

Human, others not tested.

Ig Isotype: IgG2b

Immunogen:

Human B cells

Format:

100 µg of purified antibody in 1 X PBS, pH 7.2, protein A purified.

Storage and Stability:

+4 C short term, -20 C long term. Aliquot to avoid freeze/thaw cycles.

Applications and Suggested Dilutions:

- ELISA: Use a 1:1000 dilution
- Immunoprecipitation
- Immunohistochemistry: Paraffin sections and frozen sections

The optimal dilution for a specific application should be determined by the researcher.

References:

1. Sidorenko, S.P., et al. (1992) Monoclonal antibodies of IPO series against B cell differentiation antigens in leukemia and lymphoma immunophenotyping. *Neoplasma* 39(1):3-9.
2. Maecker, H.T. et al. (1997) The tetraspanin superfamily: molecular facilitators. *FASEB J.* 11:428-442.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.