

Product: Anti-Butyrophilin
Catalog #: 03-651153
Amount: 1 ml

CATEGORY: Mouse Monoclonal
IMMUNOGEN: Butyrophilin, purified from bovine milk fat globule membrane
IMMUNOGLOBULIN CLASS: Mouse IgG2a, kappa
FORM: Hybridoma Culture Supernatant, containing 0.1% Sodium Azide
DESCRIPTION/SPECIFICITY: The mab reacts specifically with butyrophilin, a unique 67 kDa polypeptide present only in the apical lactating mammary gland epithelium and the milk fat globule membrane (MFGM). No cross reaction with other MFGM proteins. The epitope has been localized on the N-terminal extracellular part of the protein, close to the transmembrane region.

ANTIGEN RECOGNIZED IN

SPECIES: Human, Bovine

REACTIVITIES IN CULTURE

CELL LINES (tested so far): Transfected cell line BMGE with butyrophilin cDNA

POSITIVE CONTROL: Milk fat globule membrane (MFGM)

APPLICATION: Immunohistochemistry, suitable for frozen & paraffin embedded tissue after microwave treatment
Immunoblotting (Western, ECL)

WORKING DILUTION: Ready to Use for Immunohistochemistry application

INCUBATION TIME: 1 hour at room temperature for immunohistochemistry

STORAGE: 2-8°C for immediate use, or at -20°C (aliquots)

REFERENCE:

Franke, WW. et al.(1981) J Cell Biol **89**:485-494

Ogg, SL. et al. (2004) Proc Natl Acad Sci USA **101**: 10084-10089

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