

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

CATEGORY: Mouse Monoclonal
IMMUNOGEN: Butyrophilin, purified from bovine milk fat globule membrane
IMMUGLOBULIN 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

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.