

Anti-BA46 [Mc3] Standard Size Ab01178-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: Mc3

Alternative Name(s) of Target: MFGE8 milk fat globule-EGF factor 8 protein; BA46; HMFG; MFGM; SED1; hP47; EDIL1; MFG-E8; SPAG10; OAcGD3S; HsT19888

UniProt Accession Number of Target Protein: Q08431

Published Application(s): Bio-distribution, RIA

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising BALB/c mice with delipidated human milk fat globules.

Specificity: BA46 is a glycoprotein of the human milk fat globule membrane, and is also expressed in breast carcinomas.

Application Notes: In radioimmunoassays Mc3 bound to membranes of HMFG, MCF-7, MDA-MB- 157, SKBR-3, and BT-20 cells but not breast fibroblast, Hela, HT-29, Bristol 8, Hs294T, Hs695T, Hs785T, Hs769T, A498, PANC-1, MIA PaCa-2 or A-549 cells (Ceriani et al, 1983). Human Mc3 was characterised using biodistribution studies and shown to have similar properties to the murine Mc3 (Couto et al, 1995).

Antibody First Published in: Ceriani et al. Characterization of Cell Surface Antigens of Human Mammary Epithelial Cells with Monoclonal Antibodies Prepared Against Human Milk Fat Globule Somatic Cell Genet. 1983 Jul;9(4):415-27. [PMID:6353626](#)

Note on publication: Describes the original generation of this antibody and its characterisation using RIA.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.