

CATALOGUE #: 4L2

PRODUCT NAME: Monoclonal mouse anti-lactoferrin

MAbs *in vitro*: **1C6cc**
Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*: **2B8, 1A1**
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Purified lactoferrin from human milk

Specificity: Human lactoferrin
1A1 and 1C6cc are not cross-reacting with human transferrin, but 2B8 cross-reacts weakly with human transferrin.

MAb isotypes: **IgG1**, kappa for MAbs

Applications: Detection of lactoferrin.
Recommended pairs for sandwich immunoassay:

Capture	Detection
2B8	1A1
2B8	1C6cc

MAbs are working in Western blotting.

Purification: Protein A chromatography for 1C6cc
Protein G chromatography for 2B8, 1A1

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.