

CATALOGUE #: 4M43

PRODUCT NAME: Monoclonal mouse anti-human myeloperoxidase (MPO)

MAbs *in vivo*: 4A4, 18B7, 4B3, 16E3, 17G2, 19G8

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 human MPO

Specificity: Myeloperoxidase

MAb isotypes: IgG1 for 4B3, 16E3, 18B7, 19G8
IgG2b for 4A4, 17G2

Applications: MPO immunoassay, MPO immunoaffinity purification.

4A4 and 18B7 work in Western blotting.

Best pairs for sandwich immunoassay:

Capture	Detection
16E3	18B7
18B7	16E3
18B7	4B3
19G8	16E3
17G2	18B7

Purification: Protein A chromatography

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.