



# DataSheet

**CATALOGUE #:** 4M43

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

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**MAbs:** 2A11, 4A4, 16G6, 18B7, 19H2, 4B3, 16E3, 17G2, 19G8  
Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified human MPO.

**Specificity:** MPO

**MAb isotypes:** **IgG1** for MAbs 4B3, 16E3, 16G6, 18B7, 19G8, 19H2  
**IgG2a** for MAbs 2A11  
**IgG2b** for MAbs 4A4, 17G2

**Applications:** MPO immunoassay, MPO immunoaffinity purification.  
MAbs 4A4, 16G6, 18B7 and 19H2 work in Western blotting.  
Best pairs for sandwich immunoassay (capture-detection):  
16E3 – 18B7, 18B7 – 16E3, 18B7 – 4B3, 19G8 – 16E3, 17G2 – 18B7

**Purification:** Chromatography on protein A Sepharose

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research 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.

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