

# Monoclonal Antibodies to Myeloperoxidase

## Maine Biotechnology Services

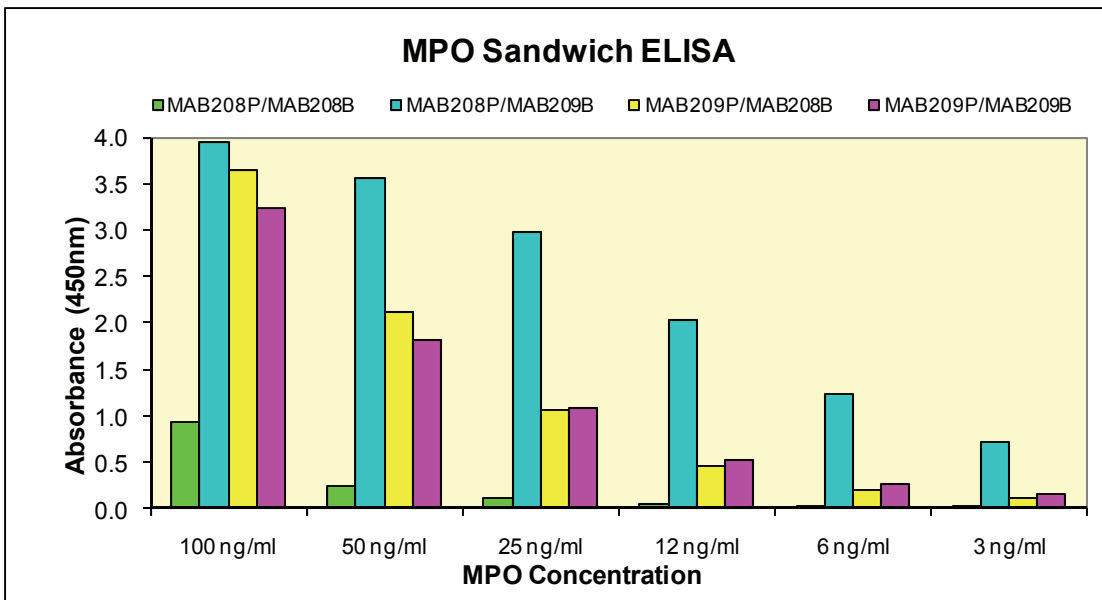
*YOUR PARTNER IN ANTIBODY DEVELOPMENT*

Highly sensitive, versatile antibodies specific for human Myeloperoxidase have been developed by the R&D department at Maine Biotechnology Services. MAB208P and MAB209P have been extensively characterized and validated in ELISA studies. In addition, a larger selection of antibodies is available to you in the MultiPure Array format. Purified supernatants from the hybridoma project are provided with known concentrations enabling normalization of all downstream assays and characterization.

### Features

- Two refined monoclonal antibodies recognizing native human Myeloperoxidase
- Antibodies work as matched pair or self pair in a capture-tracer format with a sensitivity level of ng/mL
- Do not cross-react with human lactoferrin or bovine lactoperoxidase
- Additional crude antibodies (23) for sampling in a MultiPure Sample Array; including a data package with concentrations, preliminary screening data and pI values determined by IEF

### Technology



(Figure 1) The greatest sensitivity is observed when using MAB208P as the capture antibody and MAB209P conjugated to biotin as the tracer antibody. This pair is able to detect MPO at <3 ng/ml under these assay conditions. In addition MAB208P and MAB209P are capable of self pairing, with the MAB209P self pair able to detect MPO at 6 ng/ml. The versatility of these monoclonal antibodies adds to their value and potential use for quantitative Myeloperoxidase assays.