

## Recombinant Myeloperoxidase Monoclonal Antibody

catalog number: AN300630L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

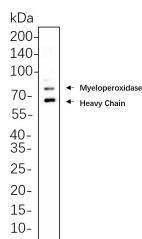
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Myeloperoxidase protein
Host	Rabbit
Isotype	IgG,κ
Clone	B565
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

IHC	1:500-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data



Western Blot with Recombinant Myeloperoxidase

Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

HL-60 cell lysate.

**Observed-MW:60,80-90 kDa**

**Calculated-MW:84 kDa**

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### Background

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

### For Research Use Only

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