



Hypoxyprobe, Inc.  
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## Hypoxyprobe™ Mab-1 HRP Antibody

(HPI Catalog # HP MAb-1 HRP)

- Description: Mouse IgG1 monoclonal antibody conjugated to Horse Radish Peroxidase
- Specificity: Pimonidazole forms adducts with thiol containing tissue proteins at  $pO_2 \leq 10\text{mm Hg}$ . HP MAb-1 HRP binds to pimonidazole adducts in hypoxic cells in tissue and tissue culture.
- Format: Each vial of HP-MAb-1 HRP contains the antibody dissolved in 200 microliters of stabilized diluent at a concentration of approximately 60 ug/mL.
- Applications: HRP Chromogen needed for visible brown staining in hypoxic areas of tissue. Secondary anti mouse fluorescent antibody needed for fluorescence applications. IHC, IF, ELISA, flow cytometry, MAA, Western Blotting.
- Target Species: All species
- Product Form: Purified IgG1 prepared by affinity chromatography
- Buffer: Proprietary formulation containing stabilizers.