



Hypoxyprobe, Inc.  
121 Middlesex Turnpike  
Burlington, MA 01803 USA  
www.hypoxyprobe.com

**Data Sheet: 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  $pO_2 \leq 10$  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.