



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

## Hypoxyprobe™ Antibody

### Contents:

**Anti-pimonidazole mouse IgG<sub>1</sub> monoclonal antibody (MAb1) (60 micrograms/ml)**

Applications: Immunochemical detection of cell and tissue hypoxia including immunofluorescence; immunoperoxidase; western blotting; or, flow cytometry.

Quantities: 1.0 ml of exhausted supernatant from hybridoma clone 4.3.11.3 containing 60 micrograms/ml of an IgG<sub>1</sub> mouse monoclonal antibody and 0.15% sodium azide. Optimal dilution to be determined by investigators but a 1/50 dilution has been found to give strong immunostaining in mouse tumor tissue when combined with a secondary strategy comprised of biotin-conjugated F(ab')<sub>2</sub> antimouse secondary reagent, streptavidin peroxidase and peroxidase substrate. Note that alternative secondary strategies can be used.

Not supplied: Pimonidazole and Secondary reagents such as biotin conjugated F(ab')<sub>2</sub> antimouse secondary reagent, streptavidin peroxidase or standard IHC reagents including buffers, peroxidase substrate, etc.

Storage: Store the mouse monoclonal antibody (MAb1) frozen. Avoid repeated freeze thaw cycles by aliquotting antibody in small volumes for storage at -20 degrees C.