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## Hypoxyprobe™ Biotin Antibody

(HPI Catalog # Mouse-Biotin-Mab)

- Description: Mouse IgG1 monoclonal antibody conjugated to Biotin fluorophore (HP-Biotin)
- Specificity: Pimonidazole forms adducts with thiol containing tissue proteins at  $pO_2 \leq 10$  mm Hg. HP-Biotin binds to pimonidazole adducts in hypoxic cells in tissue and tissue culture.
- Format: Each vial of HP-Biotin contains the antibody dissolved in 200 microliters of stabilized diluent at a concentration of approximately 0.5 mg/mL.
- Product Type: Fluorophore conjugated IgG1 mouse monoclonal antibody (clone 4.3.11.3)
- Fluorophore
- Protein Ratio:  $\geq 4$  Biotin per IgG1 molecule.

### Product Details

- Applications: Flow cytometry and immunofluorescence on frozen tissue sections. HP-Biotin MAb is designed as an alternative to FITC labeled anti-pimonidazole mouse monoclonal antibody1.
- Target Species: All.
- Product Form: Purified IgG1 prepared by affinity chromatography
- Buffer: Proprietary formulation containing stabilizers.