



Hypoxyprobe, Inc.
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Data Sheet: Hypoxyprobe™ Biotin Antibody

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:	≥ 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.