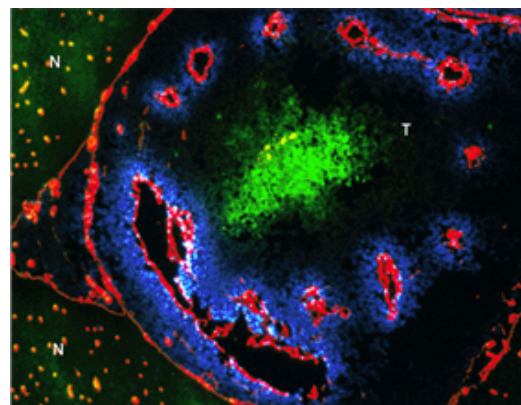


hpi

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Data Sheet: Hypoxyprobe™ FITC MAb Antibody
(HPI Catalog # HP FITC MAb-1)

- Description:** Mouse IgG1 anti pimonidazole monoclonal antibody bound to fluorescein isothiocyanate (FITC) green fluorophore dye.
- Specificity:** Pimonidazole forms adducts with thiol containing tissue proteins at $pO_2 \leq 10$ mm Hg. HP FITC MAb-1 antibody binds to pimonidazole adducts in hypoxic cells in tissue and tissue culture.
- Format:** Each vial of HP-MAb-1 contains the antibody dissolved in 200 microliters of stabilized diluent at a concentration of approximately 0.5 mg/mL.
- Fluorophore (FITC) to MAb-1 ratio: 5.0:1.0
Fluorophore excitation wavelength: 480nm
Fluorophore emission wavelength: 518nm
- Applications:** Fluorescence detection of hypoxia.
Stability: >24 months at 4 degrees Celsius.
Target Species: All species
Product Form: Purified mouse IgG1 prepared by affinity chromatography
Buffer: Proprietary formulation containing stabilizers.