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Product Datasheet

IDH1(IDH1/1152), CF488A conjugate, 0.1mg/mL, Clone: [IDH1/1152], Mouse, Monoclonal BOT-BNC881152-500

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|----------------------------|---|
| Article Name | IDH1(IDH1/1152), CF488A conjugate, 0.1mg/mL, Clone: [IDH1/1152], Mouse, Monoclonal |
| Biozol Catalog Number | BOT-BNC881152-500 |
| Supplier Catalog Number | BNC881152-500 |
| Alternative Catalog Number | BOT-BNC881152-500-500UL |
| Manufacturer | Biotium |
| Host | Mouse |
| Category | Antikörper |
| Application | IHC |
| Species Reactivity | Human |
| Immunogen | Recombinant fragment (119 Amino acid residues around aa 280-420) of human IDH1 protein |
| Conjugation | CF488A |
| Product Description | This antibody recognizes a 45 kDa protein, which is identified as isocitrate dehydrogenase (IDH1). It belongs to the isocitrate and isopropylmalate dehydrogenases family. IDH1 catalyzes the third step of the citric acid cycle, which involves the oxid... |
| Clonality | Monoclonal |
| Concentration | 0.1 mg/mL |
| Clone Designation | [IDH1/1152] |

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|-------------------|--|
| Molecular Weight | 45-47 kDa |
| UniProt | O75874 |
| Buffer | PBS, 0.1% BSA, 0.05% azide |
| Source | Animal |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 or 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |