

90 × 190mm サイズ

**FUJIFILM**

**Wako**

Code No. 011-24071 (100  $\mu$ g)

## Anti IDH2, Monoclonal Antibody 抗IDH2, モノクローナル抗体

### Background

Isocitrate dehydrogenases (IDHs) play an important role of the enzymes in the TCA cycle. IDH1 and IDH2 are NADP<sup>+</sup> dependent forms. They are located in cytoplasm (IDH1) and in mitochondria (IDH2), respectively. Recent studies have reported that IDH mutations were specifically found in several types of glioma. Among them, the most frequent mutation is arginine 132 residue (R132) in IDH1 and R172 in IDH2. There are several IDH1 mutations including R132H, R132S, R132G, R132C and R132L. This Anti IDH2, Monoclonal Antibody is available to detect wild type and mutated IDH2.

This product is for laboratory use only ; use in any such application is the responsibility of the user.

### Description

<b>[Reactivity]</b>	Reacts with wild type and mutated IDH2
<b>[Species cross reactivity]</b>	Human, Mouse, Hamster
<b>[Clone No.]</b>	RMab-22
<b>[Host]</b>	Mouse
<b>[Isotype]</b>	IgG2b
<b>[Source]</b>	Purified from hybridoma supernatant using protein G agarose
<b>[Concentration]</b>	Indicated on the label
<b>[Formulation]</b>	PBS (pH 7.2) containing 0.05% sodium azide

### Applications

ELISA	1-5 $\mu$ g/mL
Western blot	5 $\mu$ g/mL
Immunohistochemistry	5-10 $\mu$ g/mL

### Storage

Store at  $-20^{\circ}\text{C}$ .

Avoid repeated freeze and thaw.

### Package

100  $\mu$ g

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