

## Recombinant

## IDH1 R132H (BP6205) Rabbit mAb

db30169

Package : 100μL

**Product Name :** IDH1 R132H (BP6205) Rabbit mAb**Cat.No.:** db30169**Synonyms :** IDH; IDP; IDCD; IDPC; PICD; HEL-216; HEL-S-26**Application :** IHC, WB**Reactivity :** Human**Host species :** Rabbit**Background**

Heterozygous point mutations of IDH1 codon 132 are frequent in World Health Organization (WHO) grade II and III gliomas. IDH1 R132H mutations occur in approximately 70% of astrocytomas and oligodendroglial tumors. The high frequency and distribution of the IDH1 R132H mutation among specific brain tumor entities allow the highly sensitive and specific discrimination of various tumors by immunohistochemistry, such as anaplastic astrocytoma from primary glioblastoma or diffuse astrocytoma WHO grade II from pilocytic astrocytoma or ependymoma.

**Immunogen**

Synthetic peptide. This information is proprietary to Biolyntx and/or its suppliers

**Swiss Prot**

O75874

**Synonyms**

IDH; IDP; IDCD; IDPC; PICD; HEL-216; HEL-S-26

**Reactivity**

Human

**Application**

IHC, WB

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

47 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

BP6205

**Isotype**

IgG

**Purity**

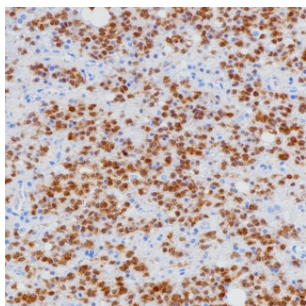
Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemistry of paraffin-embedded human neuroastrocytoma using IDH1 R132H antibody at dilution of 1:200 (200x lens).