

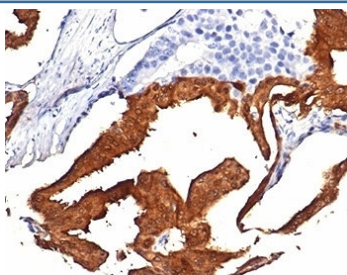
## Isocitrate Dehydrogenase R132H Mutant Antibody [clone IDH1/7277R] (V4026)

Catalog No.	Formulation	Size
V4026-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4026-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4026SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IDH1/7277R
Purity	Protein A/G affinity
UniProt	O75874
Localization	Cytoplasm, nucleus
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Isocitrate Dehydrogenase R132H Mutant antibody is available for research use only.



IHC staining of FFPE human prostate tissue with IDH1-R132H mutation with Isocitrate Dehydrogenase R132H Mutant antibody (clone IDH1/7277R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### Description

IDH1 R132H antibody binds to IDH1-mutated protein, but does not bind the wild-type IDH1 protein. IDH1 R132H point mutations are frequently seen in World Health Organization grade II and III gliomas and are believed to constitute an early step in tumorigenesis.

## Application Notes

Optimal dilution of the Isocitrate Dehydrogenase R132H Mutant antibody should be determined by the researcher.

## Immunogen

A recombinant protein fragment specific the the IDH R132H Mutant was used as the immunogen for the Isocitrate Dehydrogenase R132H Mutant antibody.

## Storage

Aliquot the Isocitrate Dehydrogenase R132H Mutant antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.