

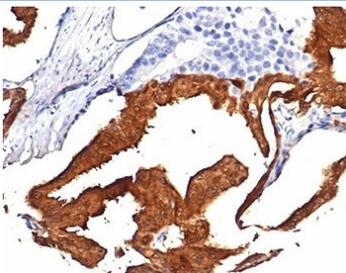
Isocitrate Dehydrogenase R132H Mutant Antibody [clone IDH1/7277R] (V4026)

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
Host	Rabbit
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 to 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 -20°C or colder. Avoid repeated freeze-thaw cycles.