IDH1 R132H Antibody

Catalog No: #P1028

Package Size: #P1028 0.1m

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

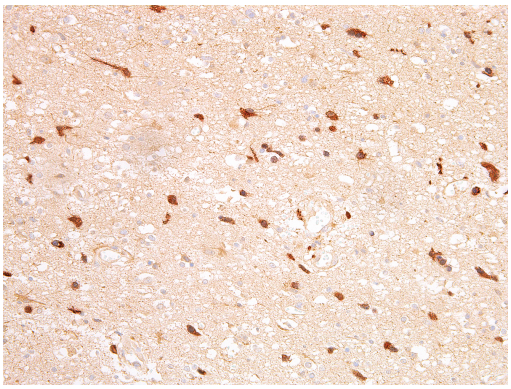
Product Name	IDH1 R132H Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC132
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

Application Details

Recommended

working dilution range:1:100 - 1:200

Images



IDH1 R132H (P1028) on Astrocytoma

Product Description

Isocitrate Dehydrogenase 1 (IDH1) is a soluble, cytosolic enzyme involved in the TCA metabolic cycle. The most notable mutation in this enzyme, R132H, is clinically indicated in the majority of astrocytomas and oligodendroglial tumours, with the mutation being associated with more favourable prognosis and increased survival in those patients. IDH1 R132H is also useful in the differential diagnosis between anaplastic glioma and glioblastoma.

References

Cui D, et al. Int J Biochem Cell Biol. 2016;71:72-81.
Balss J, et al. Acta Neuropathol. 2008; 116:597-602.
Capper D, et al. Brain Pathol. 2010; 20:245-54.
Camelo-Piragua S, et al. Acta Neuropathol. 2010; 119:509-11.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.