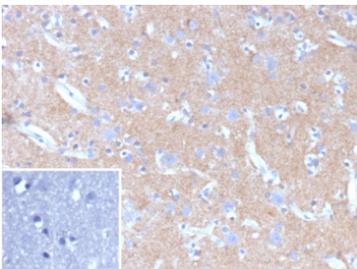


HK1 Antibody / Hexokinase 1 [clone HK1/9507] (V5729)

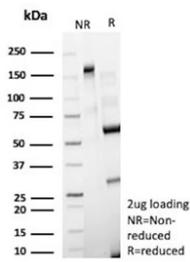
Catalog No.	Formulation	Size
V5729-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5729-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5729SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HK1/9507
Purity	Protein G affinity
UniProt	P19367
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This HK1 antibody is available for research use only.



IHC staining of FFPE human brain tissue with HK1 antibody (clone HK1/9507). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free HK1 antibody (clone HK1/9507) as confirmation of integrity and purity.

Description

Catalyzes the phosphorylation of various hexoses, such as D-glucose, D-glucosamine, D-fructose, D-mannose and 2-deoxy-D-glucose, to hexose 6-phosphate (D-glucose 6-phosphate, D-glucosamine 6-phosphate, D-fructose 6-phosphate, D-mannose 6-phosphate and 2-deoxy-D-glucose 6-phosphate, respectively). [UniProt]

Application Notes

Optimal dilution of the HK1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-200 from human Hexokinase 1 protein was used as the immunogen for the HK1 antibody.

Storage

Aliquot the HK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.