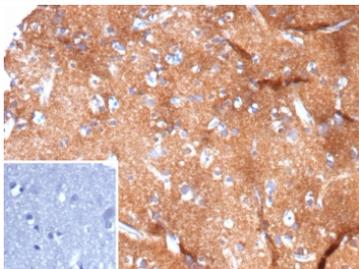


## HK1 Antibody / Hexokinase 1 [clone HK1/9508] (V5730)

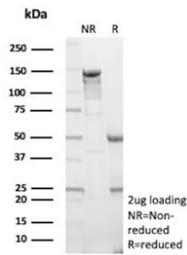
Catalog No.	Formulation	Size
V5730-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5730-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5730SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	HK1/9508
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P19367
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This HK1 antibody is available for research use only.



IHC staining of FFPE human brain tissue with HK1 antibody (clone HK1/9508). 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 HK1/9508) as confirmation of integrity and purity.

## Description

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria.

## Application Notes

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

## Immunogen

A portion of amino acids 1-200 from human HK1 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.