

Hexokinase I monoclonal antibody

Catalog: MB11022

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Hexokinases I, II, and III are associated with the outer mitochondrial membrane and are critical for maintaining an elevated rate of aerobic glycolysis in cancer cells (Warburg Effect) in order to compensate for the increased energy demands associated with rapid cell growth and proliferation.

Product:

50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 102 kDa; Observed MW: 102 kDa

Swiss-Prot:

P19367

Purification & Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

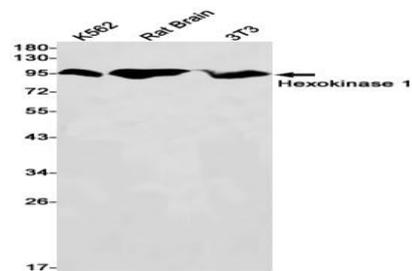
Storage & Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

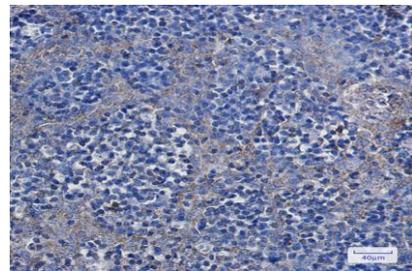
Isotype:

IgG

DATA:



Immunocytochemistry analysis of Hexokinase I in K562 using Hexokinase I antibody, and DAPI.



Western blot analysis of Hexokinase I in K562, rat Brain, 3T3 lysates using Hexokinase I antibody.

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hexokinase I antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

For research use only, not for use in diagnostic procedure.

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