

Product Datasheet

Hexokinase 1 Antibody (ST47-05) NBP2-67503

Unit Size: 100 ul

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

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NBP2-67503

Hexokinase 1 Antibody (ST47-05)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST47-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

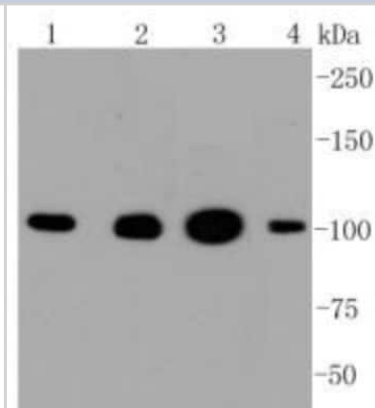
Host	Rabbit
Gene ID	3098
Gene Symbol	HK1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Hexokinase 1 aa 100-140. (SwissProt: P19367 Human; SwissProt: P17710 Mouse; SwissProt: P05708 Rat)

Product Application Details

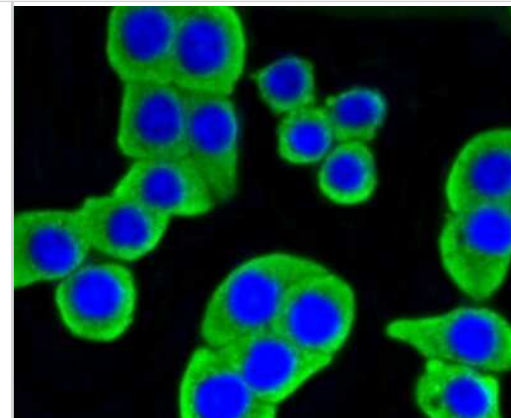
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

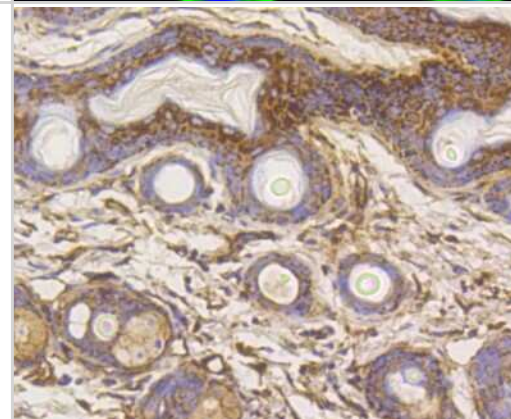
Western Blot: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of Hexokinase 1 on different lysates using anti-Hexokinase 1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: 293 Lane 3: MCF-7 Lane 4: HepG2



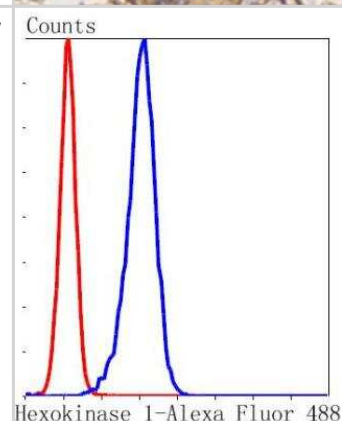
Immunocytochemistry/Immunofluorescence: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Staining Hexokinase 1 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



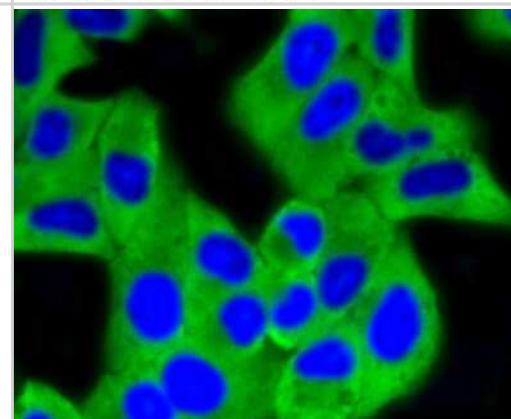
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded mouse skin tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



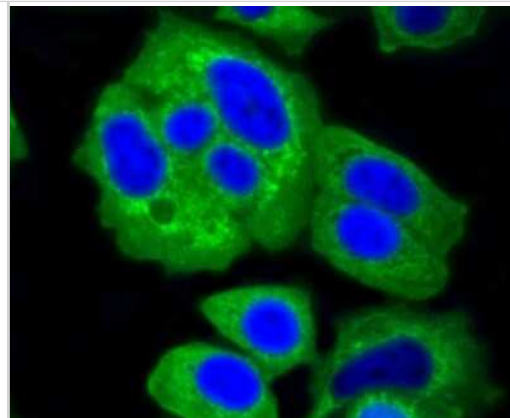
Flow Cytometry: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Flow cytometric analysis of K562 cells with Hexokinase 1 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



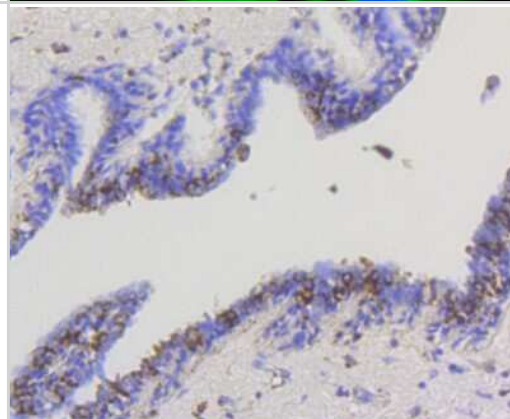
Immunocytochemistry/Immunofluorescence: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Staining Hexokinase 1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



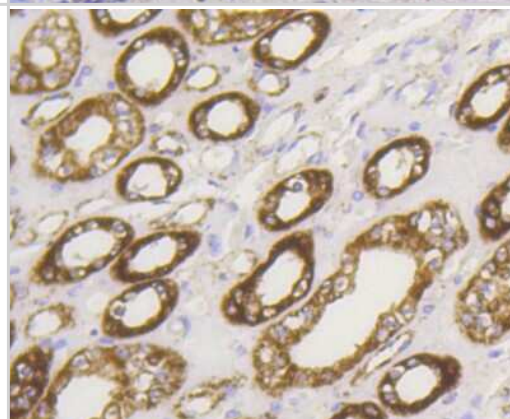
Immunocytochemistry/Immunofluorescence: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Staining Hexokinase 1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



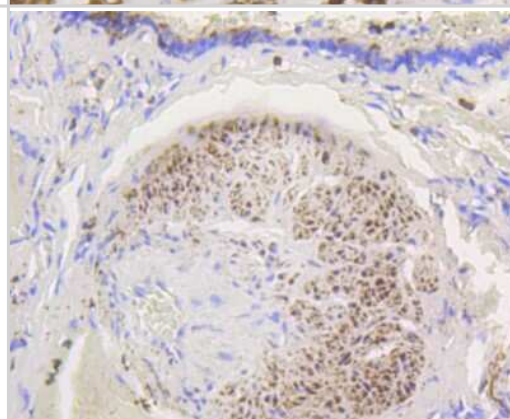
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



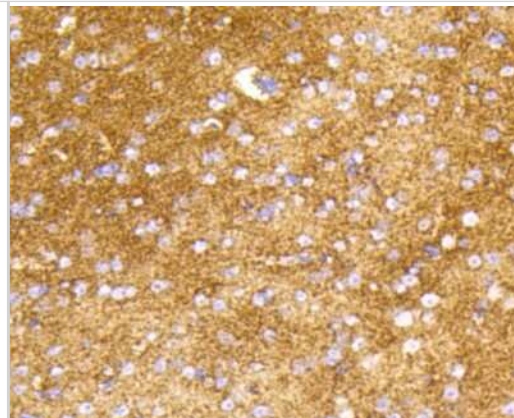
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded human kidney tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



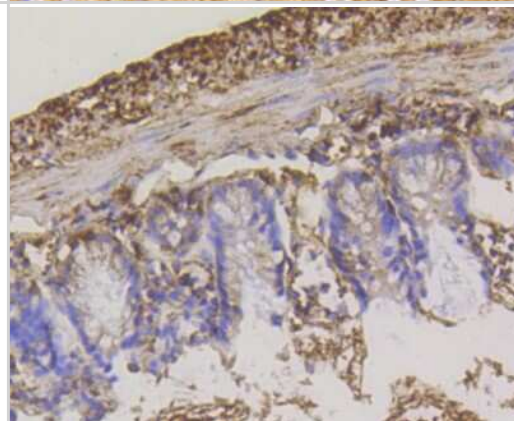
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded human lung tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded mouse brain tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (ST47-05) [NBP2-67503] - Analysis of paraffin-embedded mouse colon tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



Publications

Hamaidi I, Zhang L, Kim N et al. Sirt2 Inhibition Enhances Metabolic Fitness and Effector Functions of Tumor-Reactive T Cells Cell Metab. 2020-09-01 [PMID: 32768387]



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Products Related to NBP2-67503

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85789PEP	Hexokinase 1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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