

Hexokinase I Rabbit Monoclonal Antibody

Catalog #: EAB21238

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|---------------------------|----------|-------------------|
| Rabbit IgG | Monoclonal | WB, IP, IHC-P, IF/ICC, FC | 102 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|------------|
| WB(Western Blotting) | 1:500-2000 |
| IP(Immunoprecipitation) | 1:10-100 |
| IHC-P(Immunohistochemistry-Paraffin) | 1:50-200 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:50-200 |
| FC(Flow Cytometry) | 1:10-100 |

Product Information

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|----------------|--|
| Conjugate | Unconjugate |
| Specificity | Hexokinase I Rabbit Monoclonal Antibody detects endogenous levels of Hexokinase I protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P19367 |
| Entrez-Gene ID | 3098 |

Product 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. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific.

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