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Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide

Synthetic peptide
Catalog # BP21816a

Specification

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - Product Information

Primary Accession P07195

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - Additional Information

Gene ID 3945

Other Names
L-lactate dehydrogenase B chain, LDH-B, LDH heart subunit, LDH-H, Renal carcinoma antigen NY-REN-46, LDHB

Target/Specificity
The synthetic peptide sequence is selected from aa 230-250 of HUMAN LDHB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - Protein Information

Name LDHB

Function
Interconverts simultaneously and stereospecifically pyruvate and lactate with concomitant interconversion of NADH and NAD(+).

Cellular Location
Cytoplasm. Mitochondrion inner membrane; Peripheral membrane protein

Tissue Location
Predominantly expressed in aerobic tissues such as cardiac muscle.

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - Images

Phospho-HUMAN-LDHB(Y240).ctrl Blocking Peptide - References

Takeno T.,et al.Biochem. J. 257:921-924(1989).
Sakai I.,et al.Biochem. J. 248:933-936(1987).
Bienvenut W.V.,et al.Submitted (MAY-2005) to UniProtKB.
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Scanlan M.J.,et al.Int. J. Cancer 83:456-464(1999).