

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB09646 - Goat Anti-PFKFB2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PFKFB2, 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2, DKFZp781D2217, MGC138308, MGC138310, PFK-2/FBPase-2, 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2, 6PF-2-K/Fru-2,6-P2ASE heart-type isozyme, OTTHUMP0000034285, OTTHUMP00000034286, PFKFB, cardiac, fructose-2,6-bisphosphatase, cardiac isozyme Official Symbol: PFKFB2 Accession Number(s): NP_006203.2; NP_001018063.1 Human GeneID(s): 5208 Important Comments: This antibody is expected to recognize both reported isoforms (NP_006203.2; NP_001018063.1).

Immunogen

Peptide with sequence SEQNNNSYETKTP-C, from the N Terminus of the protein sequence according to NP_006203.2; NP_001018063.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

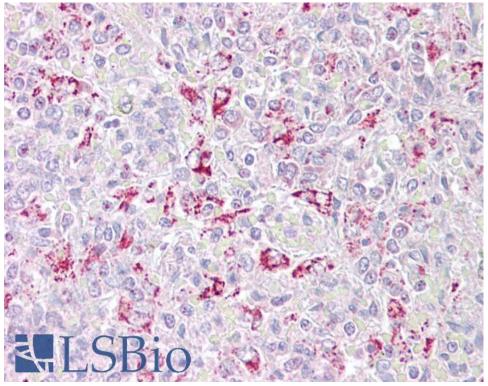
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Preliminary experiments gave an approx 75Da band in Human Heart lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 58.5kDa according to NP_006203.2 and 54.4kDa according to NP_001018063.1. The 75kDa band was successfully blocked by incubation with the immunizing peptide. **IHC:** Paraffin embedded Human Spleen. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Dog, Cow



EB09646 (2.5 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.