

Pyruvate Dehydrogenase E1 beta subunit antibody

Cat. No. GTX119625

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 39 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.03 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Pyruvate Dehydrogenase E1 beta subunit. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

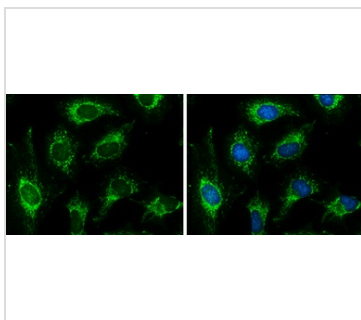
Note

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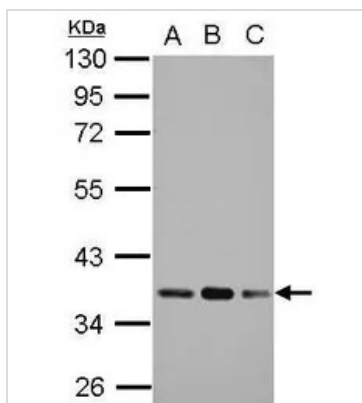
DATA IMAGES

GTx119625 ICC/IF Image

Pyruvate Dehydrogenase E1 beta subunit antibody detects Pyruvate Dehydrogenase E1 beta subunit protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: Pyruvate Dehydrogenase E1 beta subunit protein stained by Pyruvate Dehydrogenase E1 beta subunit antibody (GTx119625) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTx119625 WB Image

Sample (30 ug of whole cell lysate)

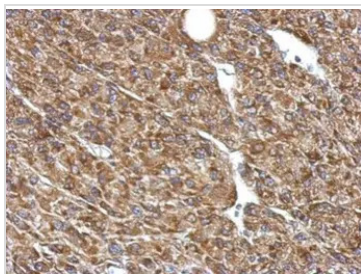
A: A549

B: H1299

C: HCT116

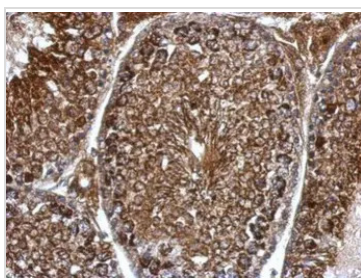
10% SDS PAGE

GTx119625 diluted at 1:1000


GTx119625 IHC-P Image

Immunohistochemical analysis of paraffin-embedded U87 xenograft, using Pyruvate Dehydrogenase E1 beta subunit(GTx119625) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTx119625 IHC-P Image

Immunohistochemical analysis of paraffin-embedded mouse testis, using Pyruvate Dehydrogenase E1 beta subunit(GTx119625) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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