

IVD polyclonal antibody

Catalog: BS72552

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Isovaleryl-CoA dehydrogenase (IVD) is a mitochondrial matrix enzyme that catalyzes the third step in leucine catabolism. The genetic deficiency of IVD results in an accumulation of isovaleric acid, which is toxic to the central nervous system and leads to isovaleric acidemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

42kDa

Swiss-Prot:

P26440

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:200 - 1:2000 | IHC, 1:50 - 1:200

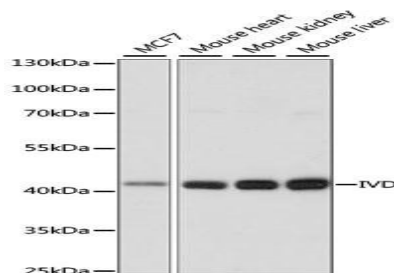
Storage&Stability:

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

Category:

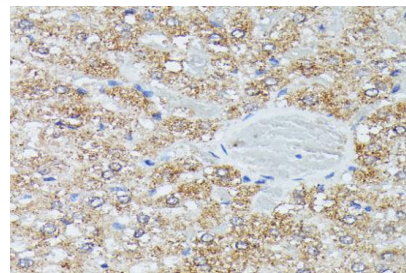
Polyclonal Antibodies

DATA:

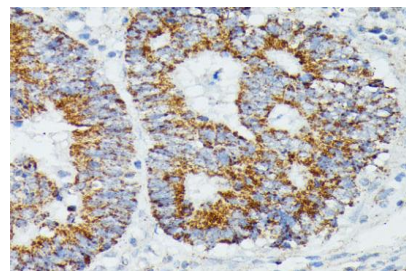


Western blot analysis of extracts of various cell lines, using IVD anti-

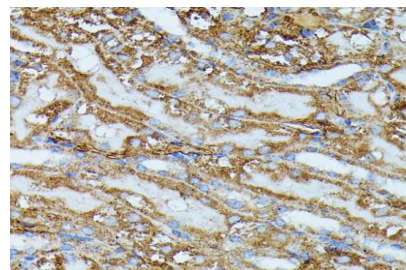
body at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1S.



Immunohistochemistry of paraffin-embedded rat liver using IVD antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human colon carcinoma using IVD antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using IVD antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

protocol.

For research use only, not for use in diagnostic procedure.

Note:

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