

IVD antibody

Catalog No: #22140

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Description

Product Name	IVD antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 192 of IVD
Target Name	IVD
Accession No.	NCBI Gene ID: 3712NCBI mRNA#: BC017202NCBI Protein#: AAH17202
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

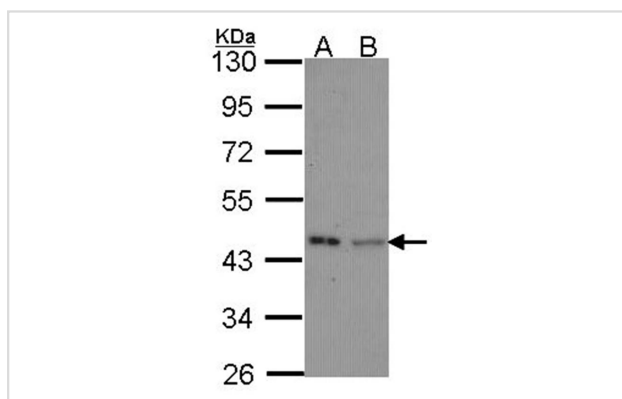
Application Details

Predicted MW: 46kd

Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

Images



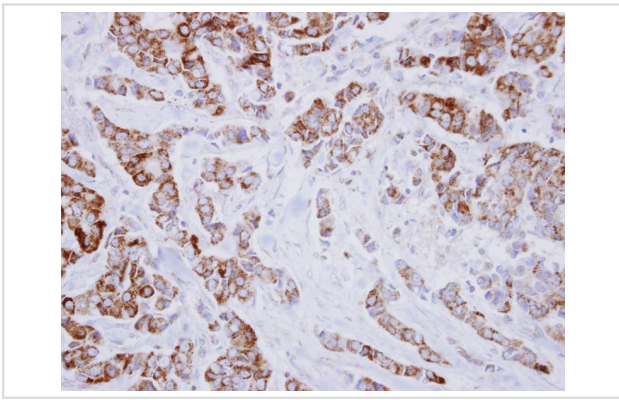
Sample (30 ug of whole cell lysate)

A: HeLa

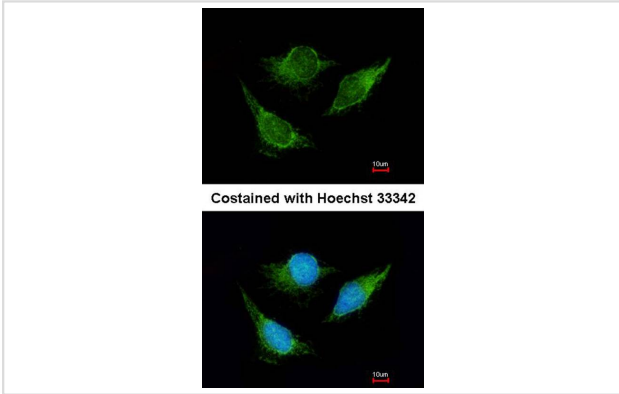
B: JurKat

10% SDS PAGE

Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Breast ca, using IVD antibody at 1: 250 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using IVD antibody at 1: 200 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.