

IDH2 Antibody (clone 5F11)
Mouse Monoclonal Antibody
Catalog # ALS13343**Specification**

IDH2 Antibody (clone 5F11) - Product Information

Application	WB, IHC
Primary Accession	P48735
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	51kDa KDa

IDH2 Antibody (clone 5F11) - Additional Information**Gene ID** 3418**Other Names**

Isocitrate dehydrogenase [NADP], mitochondrial, IDH, 1.1.1.42, ICD-M, IDP, NADP(+)-specific ICDH, Oxalosuccinate decarboxylase, IDH2

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

IDH2 Antibody (clone 5F11) is for research use only and not for use in diagnostic or therapeutic procedures.

IDH2 Antibody (clone 5F11) - Protein Information**Name** IDH2**Function**

Plays a role in intermediary metabolism and energy production (PubMed:22416140, PubMed:19228619). It may tightly associate or interact with the pyruvate dehydrogenase complex (PubMed:22416140, PubMed:19228619).

Cellular Location

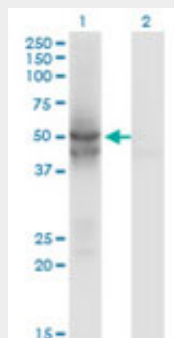
Mitochondrion {ECO:0000250|UniProtKB:P33198}.

IDH2 Antibody (clone 5F11) - Protocols

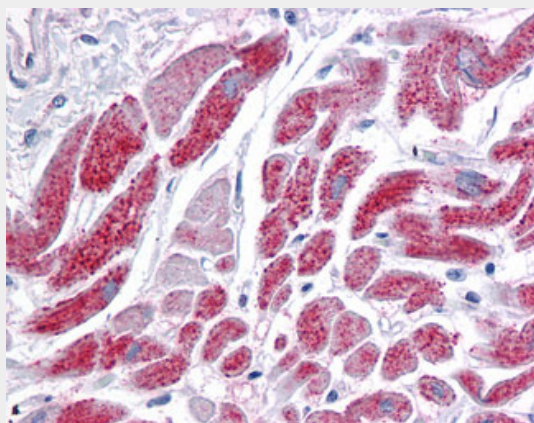
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

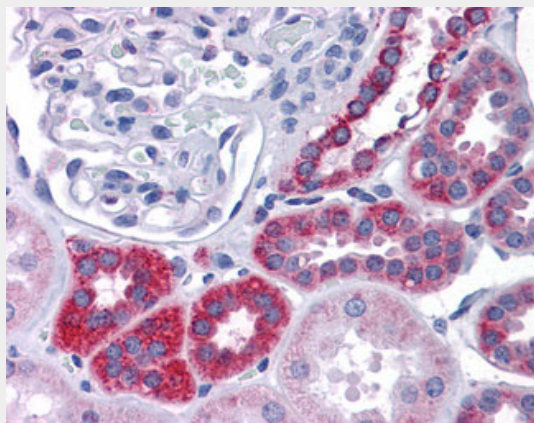
IDH2 Antibody (clone 5F11) - Images



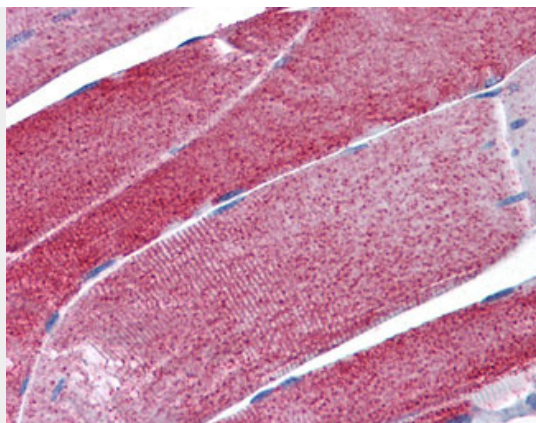
Western blot of IDH2 expression in transfected 293T cell line by IDH2 monoclonal antibody clone...



Anti-IDH2 antibody IHC of human heart.



Anti-IDH2 antibody IHC of human kidney.



Anti-IDH2 antibody IHC of human skeletal muscle.

IDH2 Antibody (clone 5F11) - Background

Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.

IDH2 Antibody (clone 5F11) - References

Huh T.-L.,et al.Submitted (NOV-1992) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:671-675(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Choudhary C.,et al.Science 325:834-840(2009).