

Mouse PDK2 Monoclonal Antibody | anti-PDK2 antibody

PDK2 (Pyruvate Dehydrogenase Kinase, Isozyme 2, PDHK2) (AP)

CATALOG # AAA25930	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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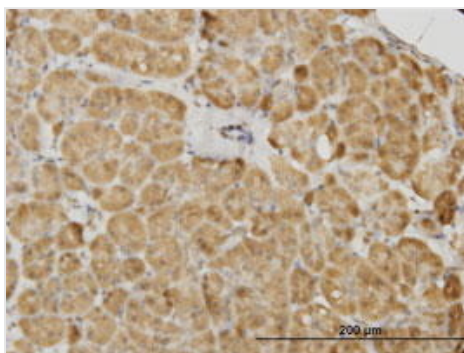
PRODUCT SYNONYMS

PDK2; Monoclonal Antibody; PDK2 (Pyruvate Dehydrogenase Kinase; Isozyme 2; PDHK2) (AP); Pyruvate Dehydrogenase Kinase; PDHK2; anti-PDK2 antibody

PRODUCT SPECIFICATIONS

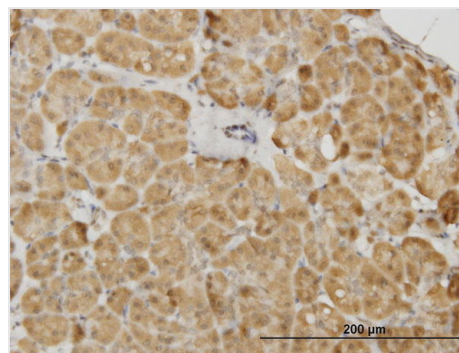
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5F8
Specificity	Recognizes PDK2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Sequence Length	407
Applicable Applications for anti-PDK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	PDK2 (AAH05811, 187aa-276aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	HIGSIDPNCNVSEVVKDAYDMAKLLCDKYMASPDLEIQEINAANSKQPIHVMYVPSHLYHMLFELFKNAMRATVESHESSLILPPIKVM
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



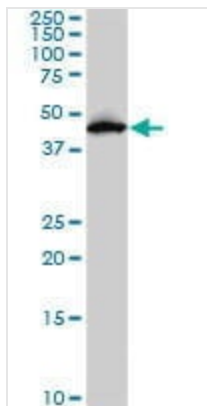
IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to PDK2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 2 ug/ml]



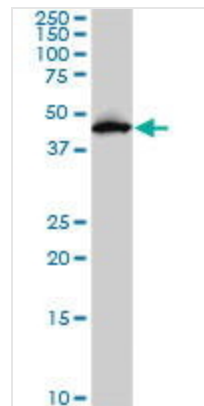
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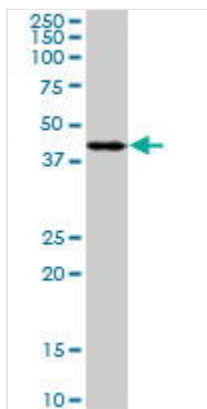
Application Data

Detection limit for recombinant GST tagged PDK2 is approximately 0.03ng/ml as a capture antibody.



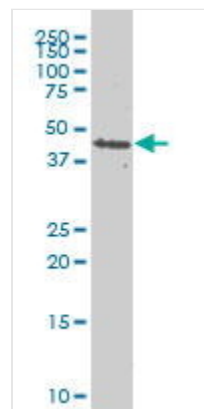
WB (Western Blot)

PDK2 monoclonal antibody (M02), clone 5F8. Western Blot analysis of PDK2 expression in A-431.



WB (Western Blot)

PDK2 monoclonal antibody (M02), clone 5F8. Western Blot analysis of PDK2 expression in 293.



WB (Western Blot)

PDK2 monoclonal antibody (M02), clone 5F8 Western Blot analysis of PDK2 expression in HeLa.

ADDITIONAL INFORMATION

Related Product Information for anti-PDK2 antibody	Mouse monoclonal antibody raised against a partial recombinant PDK2.
Product Categories/Family for anti-PDK2 antibody	Antibodies ; Enzymes ; Dehydrogenase

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543295
NCBI GeneID	5164
NCBI Official Full Name	Pyruvate dehydrogenase kinase, isozyme 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase 2
NCBI Official Symbol	PDK2
NCBI Official Synonym Symbols	PDHK2; PDKII
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.