

Anti-PDK2 Antibody (3F64)

Product Details

Ig Type:	IgG1
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 46 kDa. Actual: 46 kDa.
Clone:	3F64
Purification:	Protein G purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PDK2 Monoclonal Antibody, Unconjugated (TMAB-10136) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PDK2 Monoclonal Antibody, Unconjugated (TMAB-10136) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PDK2 Monoclonal Antibody, Unconjugated (TMAB-10136) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.</p> <p>4. 25 µg total protein per lane of various lysates (see on figure) probed with PDK2 monoclonal antibody, unconjugated (TMAB-10136) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human PDK2
Antigen Species:	Human
Gene ID:	5164
Uniprot ID:	Q15119

Research Background

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants

encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481