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Datasheet for ABIN7425611
anti-EPO antibody (AA 28-193)

4 Images

Overview

Quantity:	100 µL
Target:	EPO
Binding Specificity:	AA 28-193
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Erythropoietin (EPO)
Immunogen:	Recombinant Erythropoietin (EPO) corresponding to Ala28~Arg193 with N-terminal His and GST Tag
Clone:	D2
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against EPO. It has been selected for its ability to recognize EPO in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

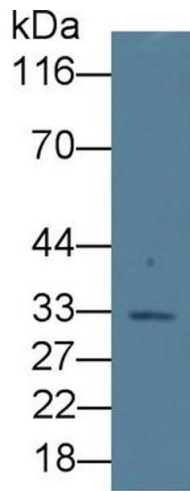
Target:	EPO
Alternative Name:	Erythropoietin (EPO Products)
Target Type:	Hormone
Background:	EP, Epoetin, Erythropoetin, Hematopoietin, Hemopoietin
Pathways:	JAK-STAT Signaling , Hormone Activity , Negative Regulation of intrinsic apoptotic Signaling , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL 1:200-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

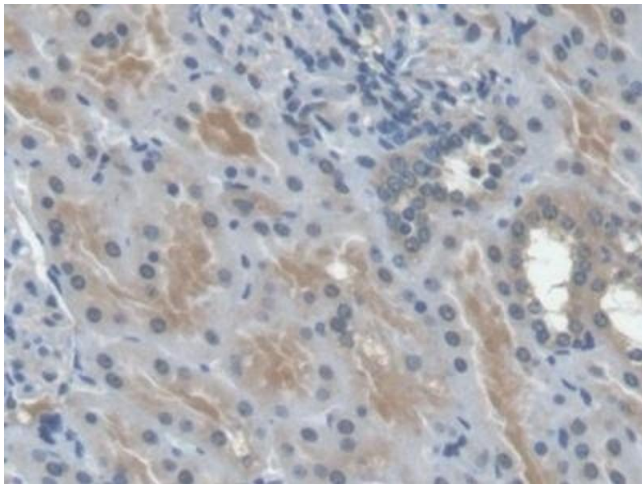
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



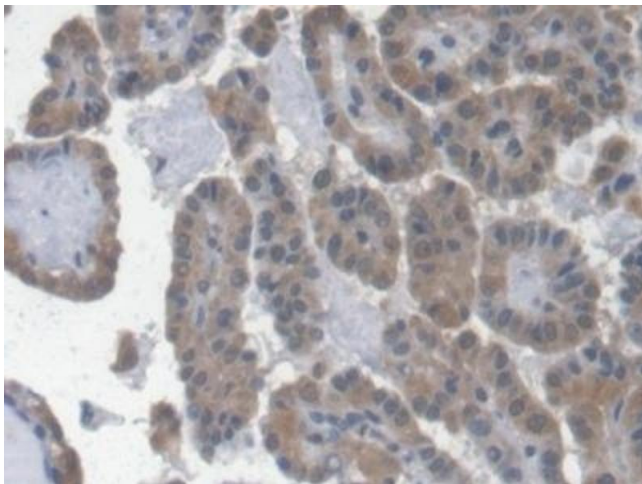
Western Blotting

Image 1. Detection of EPO in Rat Liver lysate using Monoclonal Antibody to Erythropoietin (EPO)



Immunohistochemistry

Image 2. Detection of EPO in Human Kidney Tissue using Monoclonal Antibody to Erythropoietin (EPO)



Immunohistochemistry

Image 3. Detection of EPO in Human Thyroid cancer Tissue using Monoclonal Antibody to Erythropoietin (EPO)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425611.