

Datasheet for ABIN7428593
anti-Ubiquitin antibody (AA 1-229)



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9 Images

Overview

Quantity:	100 µL
Target:	Ubiquitin
Binding Specificity:	AA 1-229
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ubiquitin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Ubiquitin (Ub)
Immunogen:	Recombinant Ubiquitin (Ub) corresponding to Met1~Cys229 with N-terminal His Tag
Clone:	D2
Isotype:	IgG2 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against Ub. It has been selected for its ability to recognize Ub in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Ubiquitin
Alternative Name:	Ubiquitin (Ubiquitin Products)
Background:	Ubiquitin B, UbB, Ubiquitous Immunopoietic Polypeptide, Polyubiquitin B
Pathways:	Mitotic G1-G1/S Phases , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL 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

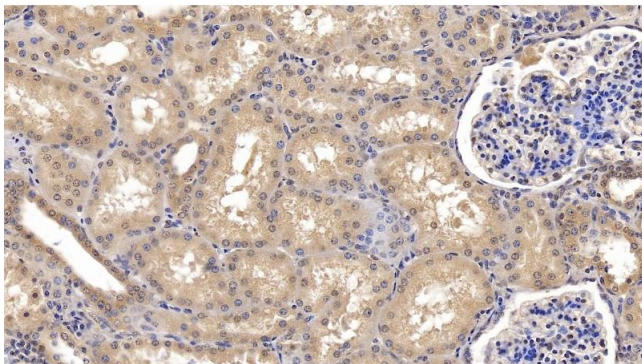
Handling

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



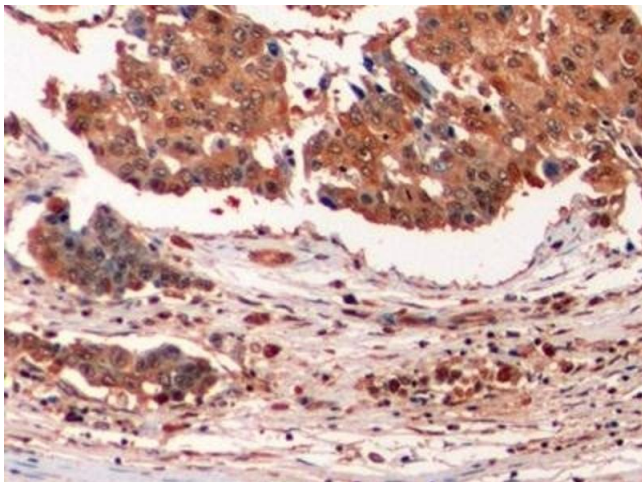
Western Blotting

Image 1. Detection of Ub in Human Lung lysate using Monoclonal Antibody to Ubiquitin (Ub)



Immunohistochemistry

Image 2. Detection of Ub in Human Kidney Tissue using Monoclonal Antibody to Ubiquitin (Ub)



Immunohistochemistry

Image 3. Detection of Ub in Human Liver cancer Tissue using Monoclonal Antibody to Ubiquitin (Ub)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7428593.