p53 monoclonal antibody (PAb122)

p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth, replication, and apoptosis. It binds to Mdm2, SV40 T antigen and human Papilloma virus E6 protein. p53 senses DNA damage and facilitates its repair. Mutation involving p53 is found in a wide variety of malignant tumors, including breast, ovary, bladder, colon, lung, and melanoma.

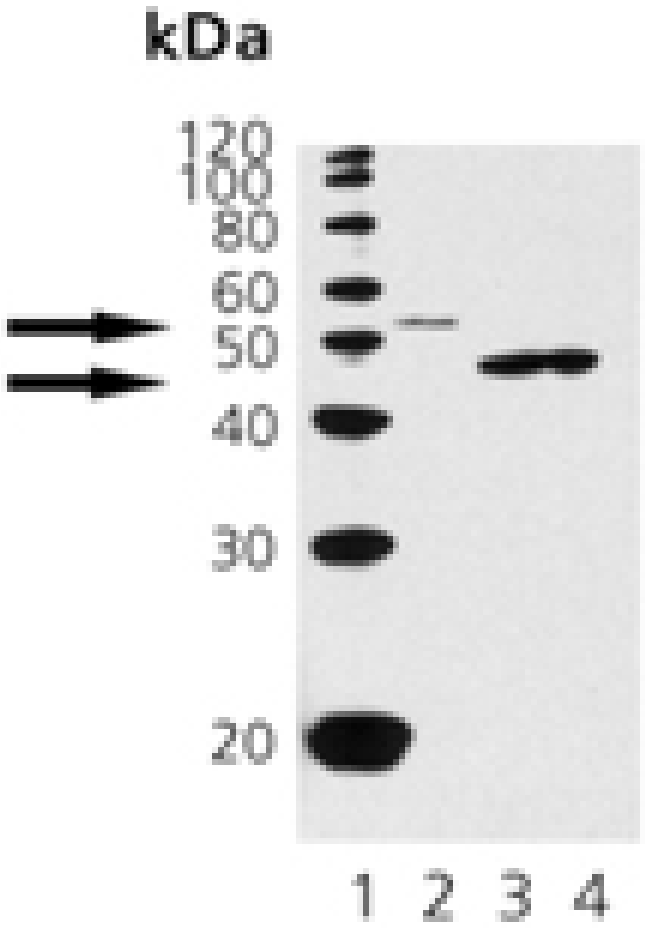
This antibody is covered by our Worry-Free Guarantee.

Citations: 4 View Online »

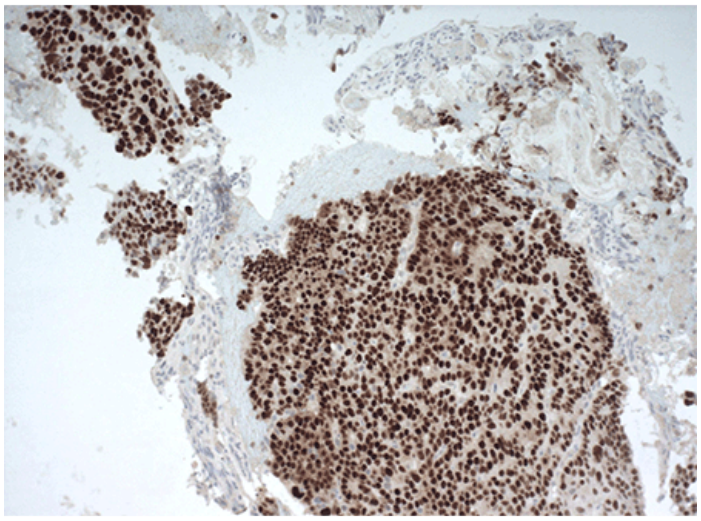
Ordering Information Order Online »

ADI-KAM-CC002-D	50µg
ADI-KAM-CC002-F	200µg

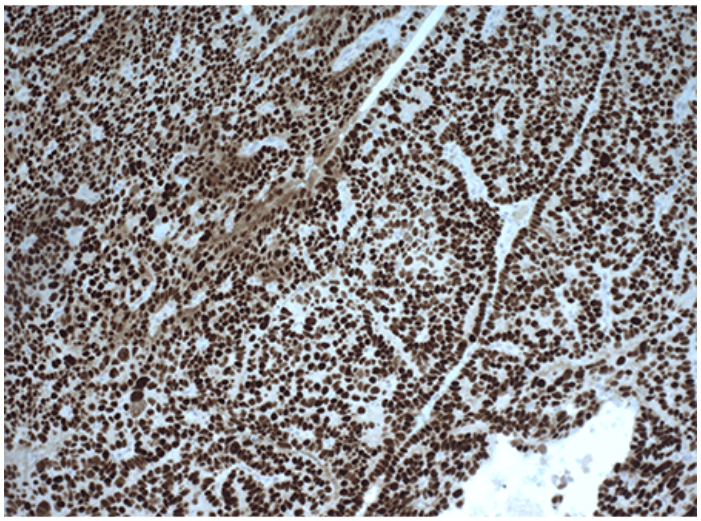
Manuals, SDS & CofA View Online »



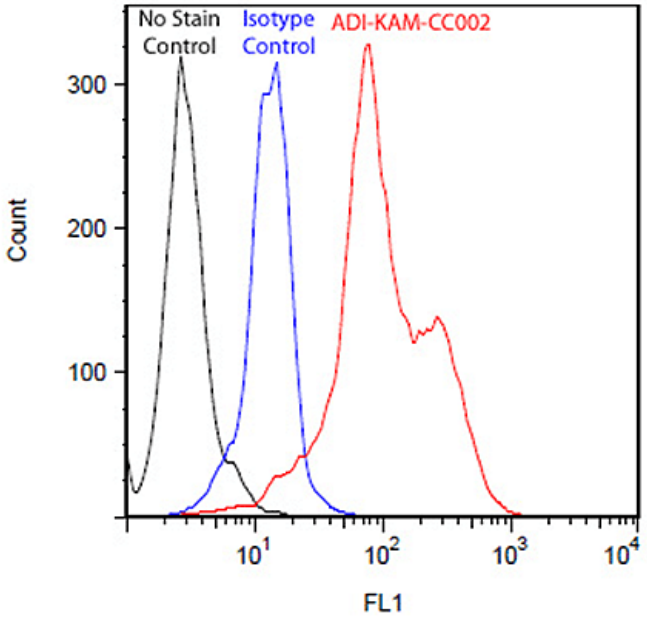
Western blot analysis of p53: Lane 1: MW marker, Lane 2: A431, Lane 3: rat brain, Lane 4: mouse brain.



Endometrial carcinoma stained by immunohistochemistry with p53 monoclonal antibody (PAb122) (ENZ-ABS849, 1:20 Dilution).



Endometrial carcinoma stained by immunohistochemistry with p53 monoclonal antibody (PAb122) (ENZ-ABS849, 1:20 Dilution).



Flow cytometry analysis of 10^6 Jurkat cells stained using p53 monoclonal antibody (PAb122), (Prod. No. ENZ-ABS849), at a concentration of 50 µg/mL.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	TRP53, Tumor protein p53
Application	Flow Cytometry, ICC, IHC, IP, WB
Application Notes	Detects a band of ~48/53kDa by Western blot.
Clone	pAb122
Crossreactivity	Weakly cross-reacts with dog p53.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Host	Mouse
Immunogen	SV40 transformed 3T3 cells.
Isotype	IgG2b
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:250 colorimetric, 1:250 ECL)Immunohistochemistry (1:20 – 1:100)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from hybridoma tissue culture supernatant.
Species Reactivity	Human, Mouse, Rat

UniProt ID P02340

Worry-free Guarantee **This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.