

Datasheet for ABIN5590023

Recombinant anti-p53 antibody[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µg
Target:	p53 (TP53)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit recombinant monoclonal antibody raised against human TP53.
Immunogen:	Original antibody is raised against recombinant protein corresponding to full length human TP53.
Clone:	TP53-1799R
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	p53 (TP53)
---------	------------

Target Details

Alternative Name:	TP53 (TP53 Products)
Background:	Full Gene Name: tumor protein p53 Synonyms: FLJ92943,LFS1,TRP53,p53
Gene ID:	7157
Pathways:	p53 Signaling , MAPK Signaling , PI3K-Akt Signaling , Apoptosis , AMPK Signaling , Chromatin Binding , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Protein targeting to Nucleus , Autophagy , Warburg Effect

Application Details

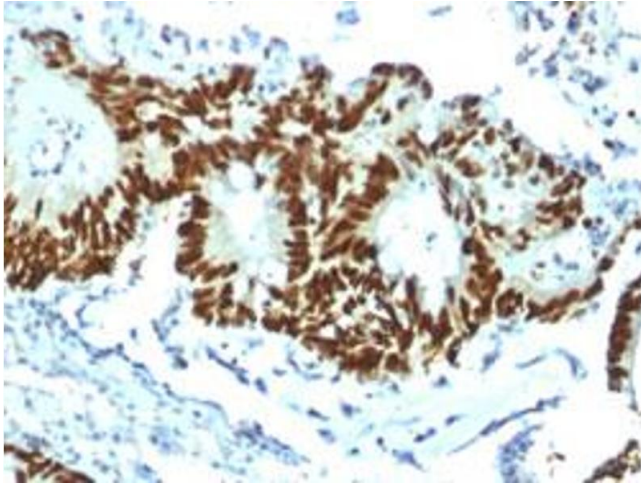
Application Notes:	Flow Cytometry (0.5-1 µg/10 ⁶ cells) Immunofluorescence (0.5-1 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 µg/mL) Western Blotting (0.5-1 µg/mL) The optimal working dilution should be determined
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 10 mM PBS (0.05 % BSA, 0.05 % sodium azide).
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
Storage Comment:	Store at 4°C.

Publications

Product cited in:	Soussi, Dehouche, Bérout: "p53 website and analysis of p53 gene mutations in human cancer: forging a link between epidemiology and carcinogenesis." in: Human mutation , Vol. 15, Issue 1, pp. 105-13, (2000) (PubMed).
-------------------	--



Immunohistochemistry

Image 1. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with TP53 recombinant monoclonal antibody, clone TP53/1799R