

# p53 Monoclonal Antibody (DO-7), Biotin

Product Details	
Size	500 µL
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	DO-7
Conjugate	Biotin
Immunogen	Recombinant human wild-type p53 protein expressed in E. coli
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	4° C
RRID	AB_10979230

Applications	Tested Dilution	Publications
Western Blot (WB)	1:50-1:200	26 Publications
Immunohistochemistry (IHC)	-	90 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:200	-
Immunocytochemistry (ICC/IF)	1:20-1:200	2 Publications
Flow Cytometry (Flow)	0.5 µg/test	-
Immunoprecipitation (IP)	1:50-1:100	2 Publications
Functional Assay (FN)	-	1 Publication

## Product Specific Information

MA5-12554 targets p53 in ICC/IF, FACS, IHC (P), IP, and WB applications and shows reactivity with Bovine, Human, and Non-human primate samples.

The MA5-12554 immunogen is recombinant human wild-type p53 protein expressed in E. coli.

Western Blot (26)

<p>Oncology reports</p> <p><b>miRNA1835p.1 promotes the migration and invasion of gastric cancer AGS cells by targeting TPM1.</b></p> <p>"Published figure using p53 monoclonal antibody (Product # MA5-12554) in Western Blot"</p> <p>Authors: Lin J,Shen J,Yue H,Cao Z</p>	<p>Year</p> <p>2019</p>
<p>PloS one</p> <p><b>Multiple breast cancer cell-lines derived from a single tumor differ in their molecular characteristics and tumorigenic potential.</b></p> <p>"MA5-12554 was used in western blot to study the different molecular phenotype and tumorigenicity of 5 breast cancer cell lines derived from a single patient"</p> <p>Authors: Mosoyan G,Nagi C,Marukian S,Teixeira A,Simonian A,Resnick-Silverman L,DiFeo A,Johnston D,Reynolds SR, Roses DF,Mosoian A</p>	<p>Year</p> <p>2013</p> <p>Species</p> <p>Human</p>

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Immunohistochemistry (90)

<p>Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc</p> <p><b>Müllerian precursor lesions in serous ovarian cancer patients: using the SEE-Fim and SEE-End protocol.</b></p> <p>"MA5-12554 was used in immunohistochemistry to perform a detailed analysis of the presence of lesions in the Müllerian ducts of patients with serous ovarian cancer"</p> <p>Authors: Mingels MJ,van Ham MA,de Kievit IM,Snijders MP,van Tilborg AA,Bulten J,Massuger LF</p>	<p>Year</p> <p>2014</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:250</p>
<p>Acta dermatovenerologica Croatica : ADC</p> <p><b>Vitiligo: is it grace or curse?</b></p> <p>"MA5-12554 was used in immunohistochemistry to study the expresson of p53 and Mdm2 in the skin of patients with vitiligo and the significance for non-melanoma skin cancer"</p> <p>Authors: Bakry OA,Hammam MA,Abdel Wahed MM</p>	<p>Year</p> <p>2014</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:50</p>

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More applications with references on thermofisher.com

- ICC/IF (2)
- IP (2)
- FN (1)

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