

p16INK4a Monoclonal Antibody (5A8A4)

Product Details

Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5A8A4
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of P16 expressed in E. Coli.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538564

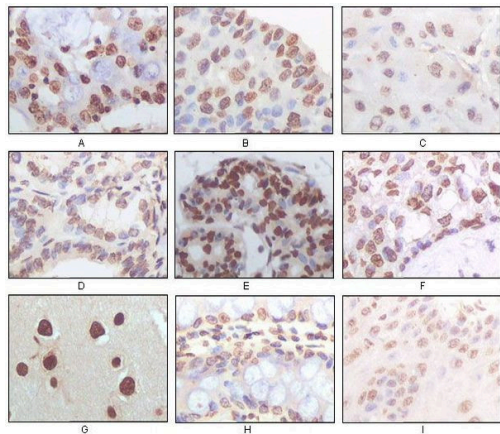
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	2 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	1 Publication
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	1:10,000	-

Product Specific Information

MA5-17093 targets P16 in indirect ELISA, IHC and WB applications and shows reactivity with Human samples.

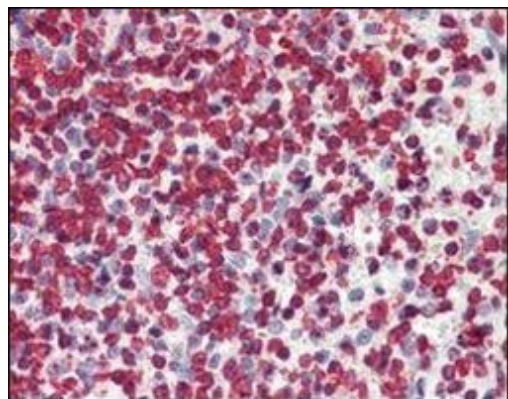
The MA5-17093 immunogen is purified recombinant fragment of P16 expressed in E. Coli.

Product Images For p16INK4a Monoclonal Antibody (5A8A4)



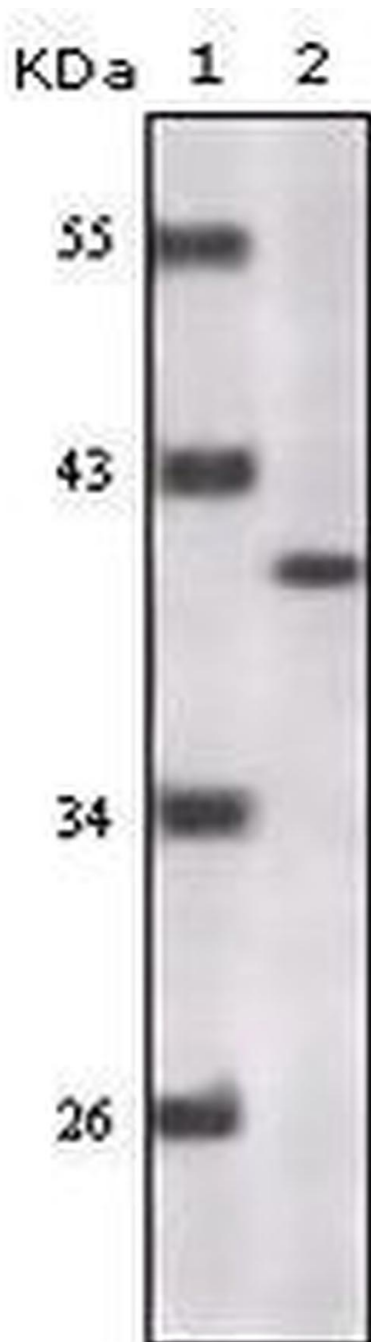
p16INK4a Antibody (MA5-17093) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma (A), esophageal squamous cell carcinoma (B), hepatic cell carcinoma (C), thyroid tumor (D), breast adenofibroma (E), breast infiltrating ductal carcinoma (F), normal cerebrum tissue (G), normal colon tissue (H), normal esophageal tissue (I) using P16 monoclonal antibody (Product # MA5-17093) followed with DAB staining.



p16INK4a Antibody (MA5-17093) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human spleen tissues using P16 monoclonal antibody (Product # MA5-17093).



p16INK4a Antibody (MA5-17093) in WB

Western blot analysis of P16 using a P16 monoclonal antibody (Product # MA5-17093) against a truncated P16 recombinant protein.

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Western Blot (2)

<p>Journal of cellular physiology</p> <p>Snake venoms promote stress-induced senescence in human fibroblasts.</p> <p>"MA5-17093 was used in Western Blotting to investigate snake-venom-induced adaptive response at a relatively noncytotoxic concentration (0.01 µg/ml) in two human fibroblast cell lines of different origin, namely WI-38 fetal lung fibroblasts and BJ foreskin fibroblasts."</p> <p>Authors: Lewinska A,Bocian A,Petrilla V,Adamczyk-Grochala J,Szymura K,Hendzel W,Kalenik E,Hus KK,Petrillova M,Wnuk M</p>	<p>Year 2019</p> <p>Species Human</p> <p>Dilution 1:200</p>
<p>Redox biology</p> <p>Reduced levels of methyltransferase DNMT2 sensitize human fibroblasts to oxidative stress and DNA damage that is accompanied by changes in proliferation-related miRNA expression.</p> <p>"Published figure using p16INK4a monoclonal antibody (Product # MA5-17093) in Western Blot"</p> <p>Authors: Lewinska A,Adamczyk-Grochala J,Kwasniewicz E,Deregowska A,Semik E,Zabek T,Wnuk M</p>	<p>Year 2018</p> <p>Species Human</p>

Immunohistochemistry (2)

<p>Cancer management and research</p> <p>Neutrophils infiltration and its correlation with human papillomavirus status in the oral squamous cell carcinoma.</p> <p>"MA5-17093 was used in Immunohistochemistry to establish the effect of neutrophil density and HPV status in terms determining high risk categories of patients with OSCC."</p> <p>Authors: Li C,Zhao L,Wang Q,Ma S,Sun J,Ma C,Liu J,Jing X,Ai D,Nan Z,Qu X</p>	<p>Year 2020</p> <p>Species Human</p>
<p>Cancer cell</p> <p>Defining UHRF1 Domains that Support Maintenance of Human Colon Cancer DNA Methylation and Oncogenic Properties.</p> <p>"MA5-17093 was used in Immunohistochemistry to demonstrate that UHRF1 histone- and hemimethylated DNA binding functions, but not E3 ligase activity, maintain cancer-specific DNA methylation in human colorectal cancer (CRC) cells."</p> <p>Authors: Kong X,Chen J,Xie W,Brown SM,Cai Y,Wu K,Fan D,Nie Y,Yegnasubramanian S,Tiedemann RL,Tao Y,Chiu Yen RW,Topper MJ,Zahnow CA,Easwaran H,Rothbart SB,Xia L,Baylin SB</p>	<p>Year 2019</p> <p>Species Human</p>

More applications with references on thermofisher.com

- IHC (P) (1)
- Flow (1)

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