

Phospho-EZH2 (Thr487) Polyclonal Antibody

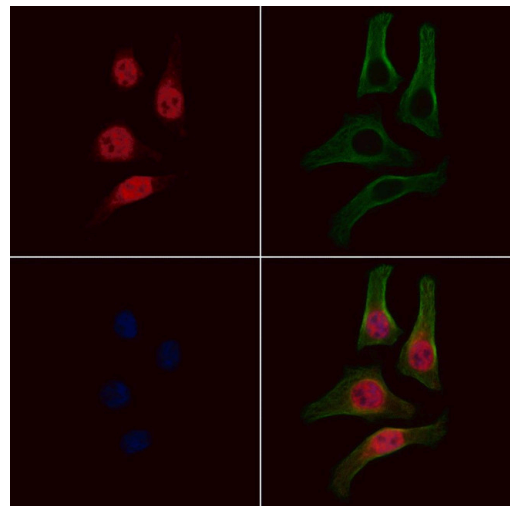
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human EZH2(Accession Q15910), corresponding to amino acid residues around phosphorylated Thr487.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2817088

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

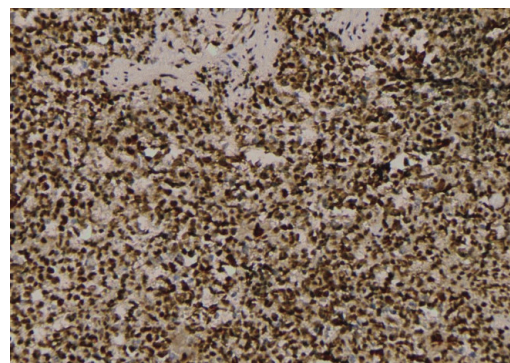
Product Specific Information

Antibody detects endogenous levels of EZH2 only when phosphorylated at Thr487.

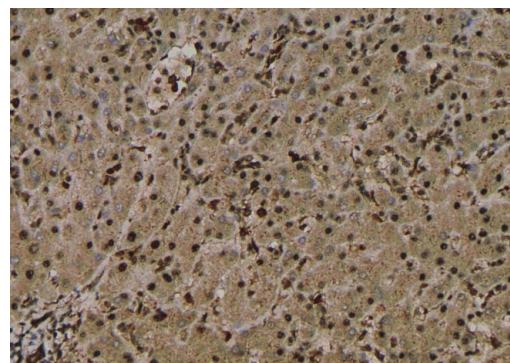
Product Images For Phospho-EZH2 (Thr487) Polyclonal Antibody



Phospho-EZH2 (Thr487) Antibody (PA5-105660) in ICC/IF
Immunofluorescent analysis of Phospho-EZH2 (Thr487) in HepG2 cells(4h of LPS treatment). Samples were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100, blocked with 10% serum (45 min at 25°C), incubated with mouse anti-beta tubulin and Phospho-EZH2 (Thr487) polyclonal antibody (Product # PA5-105660) using a dilution of 1:200 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) and goat anti-mouse IgG Alexa Fluor 488 (green).



Phospho-EZH2 (Thr487) Antibody (PA5-105660) in IHC (P)
Immunohistochemistry analysis of paraffin-embedded Phospho-EZH2 (Thr487) in mouse spleen tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-EZH2 (Thr487) polyclonal antibody (Product # PA5-105660) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-EZH2 (Thr487) Antibody (PA5-105660) in IHC (P)
Immunohistochemistry analysis of paraffin-embedded Phospho-EZH2 (Thr487) in human liver tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-EZH2 (Thr487) polyclonal antibody (Product # PA5-105660) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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Western Blot (1)

Cell death discovery	Year 2022
LncRNA MEG3 up-regulates SIRT6 by ubiquitinating EZH2 and alleviates nonalcoholic fatty liver disease.	Species Mouse
"PA5-105660 was used in Western Blot to examine with ELISA which signalling molecules affect nonalcoholic fatty liver disease."	Dilution 1:1000
Authors: Zou D,Liu L,Zeng Y,Wang H,Dai D,Xu M	

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