

Anti-Phospho-Paxillin (Tyr118) Antibody (8M93)

Product Details

Ig Type:	Rabbit IgG Human;
Reactivity:	Predicted to React with:Species predicted to react based on 100% sequence homology: Cyomolgus
Conjugation:	Unconjugated
Clone:	8M93
Purification:	Protein A

Applications

Verified Activity:	1. Western blot analysis of extracts from A-431, untreated (line A); treated with antigen-specific phosphopeptide (line B) or antigen-specific peptide (line C) using Phospho-Paxillin (Tyr118) Antibody, Rabbit MAb at 1:1000 dilution. 2. Western blot analysis of extracts from A-431 using Phospho-Paxillin (Tyr118) rabbit monoclonal Antibody at dilution of 1:2000, 1:10000 and 1:50000.
Application:	WB
Recommended	WB: 1:1000-1:5000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: residues around Tyr118 of the Human Phospho-Paxillin
Antigen Species:	Human
Synonyms:	Paxillin (p-Y118);Phospho-Paxillin (Y118);p-Paxillin (Tyr118);Paxillin (p-Tyr118);p-Paxillin (Y118)
Biology Area:	Adaptor Proteins

Research Background

PXN was significantly upregulated in cervical cancer, which associated with tumor stage, poor differentiation, lymphovascular space invasion and lymphatic metastasis. Knockdown of PXN notably impaired cellular growth and colony formation by suppressing Bcl-2 and inducing marked apoptosis. Moreover, PXN led to resistance to radiation, and downregulation of PXN resensitized C33A cells to radiation. PXN was frequently upregulated and acted as an oncogene via regulating Bcl-2 in cervical cancer, which supports PXN as a potent therapeutic target.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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