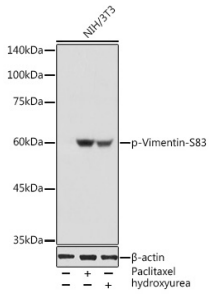
Anti-Vimentin (phospho Ser83) Antibody (A308301)

Specifications:

Name:	Anti-Vimentin (phospho Ser83) Antibody
Description:	Rabbit polyclonal antibody to Vimentin (phospho Ser83).
Applications:	WB
Recommended Dilutions:	WB: 1:500-1:1,000
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around S83 of human VIM (NP_003371.2).
Sequence:	QDSVD
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	57 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

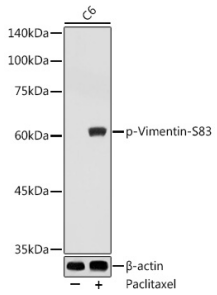
Images:



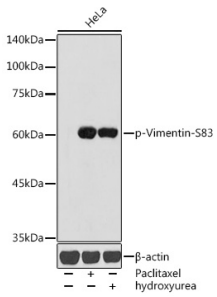
Western blot analysis of extracts of NIH/3T3 cells, using Anti-Vimentin (phospho Ser83) Antibody (A308301) at 1:1,000 dilution. NIH/3T3 cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.

Anti-Vimentin (phospho Ser83) Antibody (A308301)

Images continued:



Western blot analysis of extracts of C6 cells, using Anti-Vimentin (phospho Ser83) Antibody (A308301) at 1:1,000 dilution. C6 cells were treated by Paclitaxel (100 nM) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of HeLa cells, using Anti-Vimentin (phospho Ser83) Antibody (A308301) at 1:1,000 dilution. HeLa cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. HeLa cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 180s.