

SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

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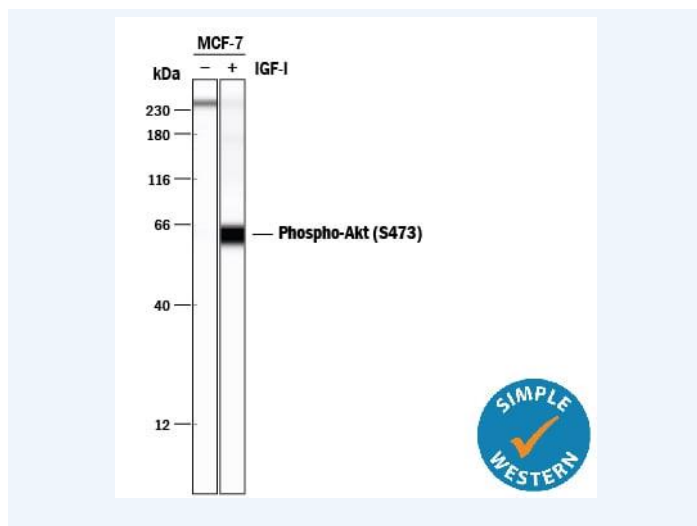


Figure1 Simple Western lane view shows lysates of MCF-7 human breast cancer cell line untreated (-) or treated (+) with 100 ng/mL Recombinant Human IGF-I (Catalog #291-G1) for 20 minutes, loaded at 0.2 mg/mL. A specific band was detected for Phospho-Akt (S473) at approximately 65 kDa (as indicated) using 2 µg/mL of Mouse Anti-Human/Mouse Phospho-Akt (S473) Pan Specific Monoclonal Antibody (Catalog # MAB887). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.

PROTEIN TARGET/ANTIBODY	
Protein Target	AKT, phospho
Protein Isoform	pAKT (Ser473)
Antibody Type	Primary
Host Species/Clonality	Mouse Monoclonal
ASSAY	
Sample Type	MCF-7 human breast cancer cell line treated with Recombinant Human IGF-I
Sample Concentration	0.2 mg/mL
Antibody Concentration/Dilution	2 µg/mL
Antibody Diluent	
Detection Mode	Chemiluminescence
Separation Type	Size
Matrix	12-230 kDa
Observed kDa	65
Publications	None listed

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