

Product datasheet for **TA354267**

Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC Not tested FC Not tested
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A chemically linked phosphoserine
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Background:	Protein phosphorylation is involved in cell signaling pathways. These cascades are mediated by two types of kinases: serine/threonine kinases which phosphorylate serine and threonine amino acid side chains and tyrosine kinases which phosphorylate tyrosine amino acid side chains. This process is regulated by kinases and phosphatases.

[View online »](#)

Product images:

WB: The cell lysate derived from EGFstimulated A431 was resolved onto 12% SDS-PAGE and immunoblotted by Mouse anti-pSER antibody at 1:500 (lane A); or pre-incubated by Phosphoserine (lane B) or pre-incubated by phosphotyrosine (lane C). A panel of phosphorylated proteins was observed.