

## Product datasheet for **AM20662PU-N**

### Phosphoserine Mouse Monoclonal Antibody [Clone ID: PS-53]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	PS-53
Applications:	WB
Recommended Dilution:	Western Blot: 1 - 2 µg/ml.
Reactivity:	Human, var.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Phosphoserine conjugated to Keyhole Limpet Hemocyanin (KLH).
Specificity:	This antibody reacts to Phosphoserine.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS.
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Phosphoserine phosphatase fills an important role in the biosynthesis of serine from carbohydrates by catalyzing the last step, hydrolysis of O-phosphoserine. Phosphoserine phosphatase activity in lymphoblasts and fibroblasts was reduced to 25% of normal values. The human phosphoserine gene (PSP) is mapped to the pter-q22 region of chromosome 7.



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