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## 39-1087: Monoclonal Antibody to Anti-Phosphoserine Antibody (Clone: PSR-45) (Discontinued)

Clonality: Monoclonal **Clone Name:** PSR-45 Application: WB Reactivity: Human Gene: Psph Gene ID: 304429 **Uniprot ID:** O5M819

**Alternative Name:** Phosphoserine phosphatase; PSP; PSPase; 3.1.3.3; O-phosphoserine phosphohydrolase; Psph

Isotype: Mouse IgG1

Immunogen Information: Phosphoserine conjugated to Keyhole Limpet Hemocyanin(KLH).

## **Description**

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.

## **Product Info**

Amount: 100 μg/vial **Purification: Ascites** 

Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Content:

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and Storage condition:

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## **Application Note**

Western blot : 1-2µg/ml;

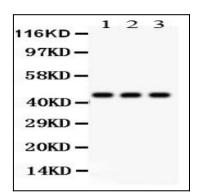


Figure 1: Anti-Phosphoserine antibody(monoclonal) 39-1087. Western blotting: Lanes: Anti Phosphoserine(39-1087) at 0.5ug/ml, Lane 1: Rat Kidney Tissue Lysate at 50ug, Lane 2: HELA Whole Cell Lysate at 40ug, Lane 3: MCF-7 Whole Cell Lysate at 40ug. Predicted band size: 45 kDa. Observed band size: 45 kDa.