

Recombinant Phospho-SMAD5 (Ser463, Ser465) Monoclonal Antibody

catalog number: **AN300655L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

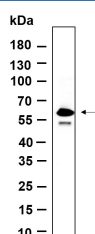
Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Ser463, Ser465)of Human Phospho-SMAD5
Host	Rabbit
Isotype	IgG, κ
Clone	B590
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:2000-1:10000
-----------	----------------

Data

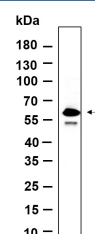


Western Blot with Recombinant Phospho-SMAD5 (Ser463, Ser465) Monoclonal Antibody at dilution of 1:1000 dilution.

Lane A: HeLa lysate.

Observed-MW:60 kDa

Calculated-MW:52 kDa



Western Blot with Recombinant Phospho-SMAD5 (Ser463, Ser465) Monoclonal Antibody at dilution of 1:1000 dilution.

Lane A: MCF7 whole cell lysate.

Observed-MW:60 kDa

Calculated-MW:52 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants.

For Research Use Only