

Product Data Sheet: Phospho-Smad5-S463/465

Cat. No: ABP-0629

Unconjugated Conjugate:

Size: 100 ug Clone: Poly **Concentration:** 1mg/ml Host: Rb Isotype: **IgG**

A phospho specific peptide corresponding to residues surrounding S463/465 of Immunogen:

human Smad5

Reactivity: Hu, Ms, Rt

Western Blot: 1:500-1:1000 Immunohistochemistry(paraffin-embedded tissues): **Applications:**

1:50-1:100 Immunofluorescence: 1:50-1:100

Molecular Weight: 52 kDa

Purification: Affinity purification

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.

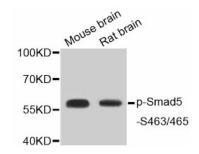
Alternative splicing results in multiple transcript variants.

Form: liquid

Background:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

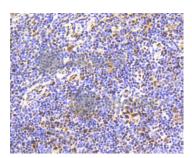
Store at -20°C. Avoid freeze / thaw cycles. Storage:



Western blot analysis of extracts of various cells, using Phospho-Smad5-S463/465 antibody. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



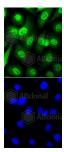
Immunohistochemistry of paraffinembedded mouse brain using Phospho-Smad5-S463/465 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffinembedded human tonsil using Phospho-Smad5-S463/465 antibody at dilution of 1:100 (40x lens).



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Immunofluorescence analysis of SKOV-3 cell using Phospho-Smad5-S463/465 antibody.

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