

Nur für Forschungszwecke

SMAD5 Polyklonaler Antikörper

Katalog-Nr.:12167-1-AP

Vorgestelltes Produkt

17 Publikationen



Allgemeine Informationen

Katalog-Nr.:
12167-1-AP

Größe:
150ul, Konzentration: 133 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2809

GenBank-Zugangsnummer:
BC009682

GeneID (NCBI):
4090

Vollständiger Name:
SMAD family member 5

Berechnete Masse:
465 aa, 52 kDa

Beobachtete Masse:
52 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : K-562-Zellen,

IP : K-562-Zellen,

IF : MCF-7-Zellen,

Hintergrundinformationen

SMAD5, also named as MADH5 and JV5-1, is a transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD5 is a receptor-regulated SMAD (R-SMAD). It plays a critical role in the signaling pathway by which TGF-beta inhibits the proliferation of human hematopoietic progenitor cells.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xueni Wang	32879393	Sci Rep	WB
Jinliang Chen	29715457	Biochem Biophys Res Commun	WB
Wei Peng	35314669	Cell Death Dis	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

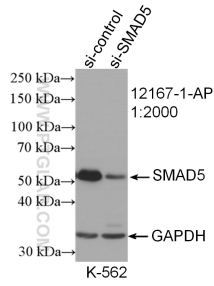
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

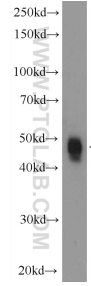
E: proteintech@ptglab.com
W: ptglab.com

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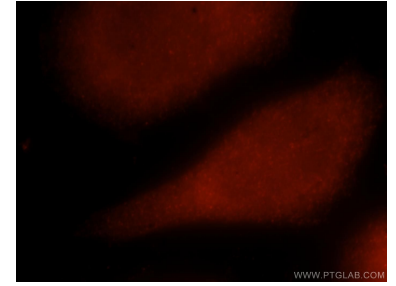
Ausgewählte Validierungsdaten



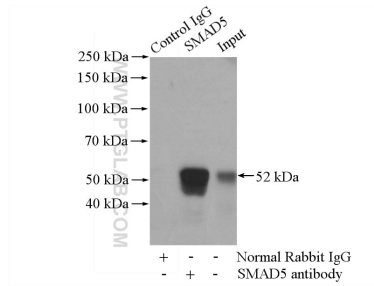
WB result of SMAD5 antibody (12167-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMAD5 transfected K-562 cells.



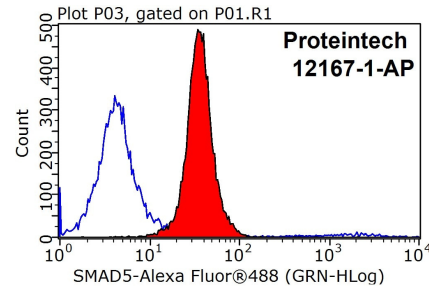
K-562 cells were subjected to SDS PAGE followed by western blot with 12167-1-AP (SMAD5 Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



Immunofluorescent analysis of MCF-7 cells, using SMAD5 antibody 12167-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-SMAD5 (IP:12167-1-AP, 4ug; Detection:12167-1-AP 1:1000) with K-562 cells lysate 3200ug.



1x10⁶ MCF-7 cells were stained with 0.2ug SMAD5 antibody (12167-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.