

[KO Validated] Smad5 Rabbit mAb

Catalog No.: A22749 **KO Validated** **Recombinant**

Basic Information

Observed MW

60kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

CloneNo number

ARC55344

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

4090

Swiss Prot

Q99717

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 186-260 of human Smad5 (NP_005894.3).

Synonyms

DWFC; JV5-1; MADH5; d5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

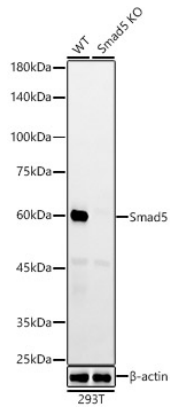
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type(WT) and Smad5 knockout (KO) 293T(KO) cells, using [KO Validated] Smad5 Rabbit mAb (A22749) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.