

Recombinant

SMAD4 (BP6219) Rabbit mAb

db30179

Package : 100μL

Product Name : SMAD4 (BP6219) Rabbit mAb**Cat.No.:** db30179**Synonyms :** JIP; DPC4; MADH4; MYHRS**Application :** IHC**Reactivity :** Human**Host species :** Rabbit**Background**

SMAD 4 Plays a central role in the balance between atrophy and hypertrophy, also acts synergistically with SMAD1 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression. It's a component of the heterotrimeric SMAD2/SMAD3-SMAD4 complex that forms in the nucleus and is required for the TGF-mediated signaling and promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA.

Immunogen

Full length protein corresponding to Human SMAD 4

Swiss Prot

Q13485

Synonyms

JIP; DPC4; MADH4; MYHRS

Reactivity

Human

Application

IHC

Recommended dilution

IHC: 1:100-1:200

Calculated MW

60 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6219

Isotype

IgG

Purity

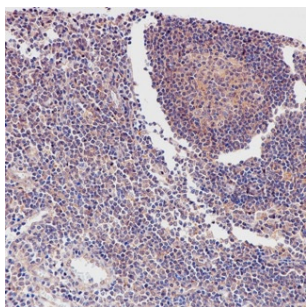
Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemistry of paraffin-embedded human tonsil using SMAD4 antibody at dilution of 1:200 (200x lens).