

**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**

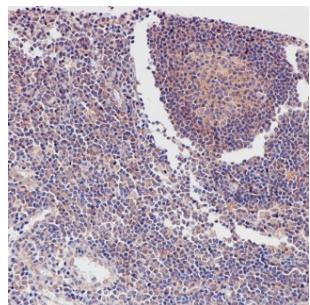
Affinity Purification

**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).