

Recombinant

DGRmAb®

YAP1 (DGR14656) Rabbit mAb

db11207

Package : 10µL 20µL 50µL 100µL

Product Name : YAP1 (DGR14656) Rabbit mAb**Cat.No.:** db11207**Synonyms** : YAP; YKI; COB1; YAP2; YAP65**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2013]

Immunogen

A synthetic peptide of human YAP1

Gene ID

10413

Swiss Prot

P46937

Synonyms

YAP; YKI; COB1; YAP2; YAP65

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:50

ICC/IF: 1:100-1:500

FC: 1:20

IP: 1:20

Calculated MW

55 kDa

Observed MW

65 kDa

Host species

Rabbit

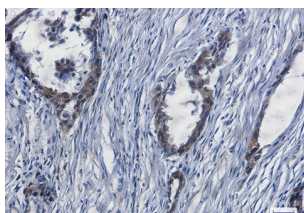
Clonality

Monoclonal

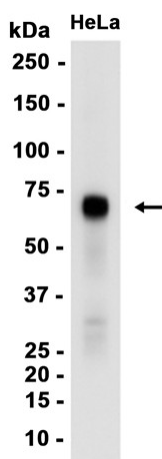
Clonality No.

DGR14656

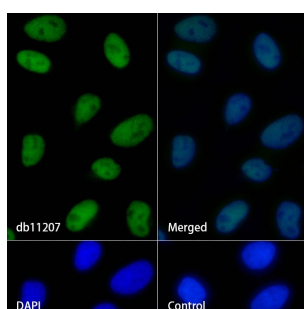
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11207 antibody.



Western blot analysis of extracts from HeLa cells using db11207 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling YAP1 with db11207.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11207 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.