Recombinant DGRmAb®

YAP1 (DGR14285) Rabbit mAb

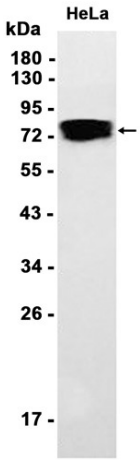
db11127 **Package : 10μL 20μL 50μL 100μL**

Product Name : YAP1 (DGR14285) Rabbit mAb
Cat.No.: db11127
Synonyms : YAP; YKI; COB1; YAP2; YAP65
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse
Host species : Rabbit

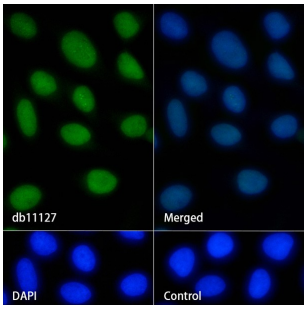
Background	This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway 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,Mouse
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 ICC/IF: 1:200-1:500
Calculated MW	55 kDa
Observed MW	70-75 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14285
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.



Western blot analysis of extracts from HeLa cells using db11127 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling YAP1 with db11127.

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 db11127 (1:200) 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.