

Mouse anti-Human YAP / YAP1 Monoclonal Antibody | anti-YAP antibody

Mouse Monoclonal [clone 2F12] (IgG2a,k) to Human YAP / YAP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12355	Mouse	Human	Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

YAP / YAP1; Monoclonal Antibody; Mouse Monoclonal [clone 2F12] (IgG2a; k) to Human YAP / YAP1; Anti-YAP / YAP1 Antibody (clone 2F12) IHC-plus; YAP1; 65 kDa Yes-associated protein; YAP; Yes-associated protein beta; Yes-associated protein delta; Yorkie homolog; YAP2; Yes-associated protein 1; Yes-associated protein 2; YKI; YAP65; Human YAP; anti-YAP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2F12
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4.
Concentration	1 mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-YAP antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Application Notes	ELISA, IF (10 ug/ml), IHC-P (5 ug/ml), WB (1 - 5 ug/ml) Usage: Western Blot (Cell lysate) - positive control Hela NE. Western Blot (Transfected lysate) - positive control transfected 293T cell line. Immunofluorescence (30 ug/ml) - positive control HeLa cells. Sandwich ELISA (Recombinant protein).
Target Species	Human
Immunogen Description	YAP1 (NP_006097, 53 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen Type	Recombinant protein
Immunogen	YAP / YAP1 antibody was raised against yAP1 (NP_006097, 53 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



ELISA
Detection limit for recombinant GST tagged YAP1 is approximately 0.03 ng/ml as a capture antibody.



WB (Western Blot)
YAP1 monoclonal antibody clone 2F12 Western blot of YAP1 expression in HeLa NE.



WB (Western Blot)
Western blot of YAP1 expression in transfected 293T cell line by YAP1 monoclonal antibody clone 2F12.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to YAP1 on HeLa cell (antibody concentration 30 ug/ml).



IHC (Immunohistochemistry)
Anti-YAP1 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)
Anti-YAP1 antibody IHC of human colon, muscularis mucosa. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174751
NCBI GeneID	10413
NCBI Accession #	NP_006097.1
NCBI GenBank Nucleotide #	NM_006106.3
UniProt Accession #	P46937; Q7Z574; B4DTY1; B7ZA01; E3WEB5; E3WEB6; E9PRV2; F5H202; K0KQ18; K0KYZ8; K0L195; K0L1G3
Molecular Weight	54,942 Da
NCBI Official Full Name	yorkie homolog isoform 2
NCBI Official Synonym Full Names	Yes-associated protein 1
NCBI Official Symbol	YAP1
NCBI Official Synonym Symbols	YAP; YKI; COB1; YAP2; YAP65
NCBI Protein Information	transcriptional coactivator YAP1; yorkie homolog; protein yorkie homolog; yes-associated protein 2; 65 kDa Yes-associated protein; yes-associated protein YAP65 homolog
UniProt Protein Name	Transcriptional coactivator YAP1
UniProt Gene Name	YAP1
UniProt Synonym Gene Names	YAP65; Yes-associated protein 1
UniProt Entry Name	YAP1_HUMAN

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