

Anti-MED23/DRIP130 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

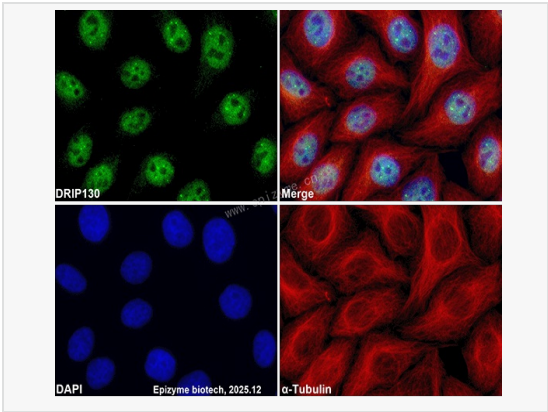
Catalog # R016199

Product Information

Application	IF (Cell)/ICC, WB, ELISA, IHC-P/IF (Tissue-P)
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	29A37R18
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human DRIP130
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MED23/DRIP130 Rabbit mAb [29A37R18] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

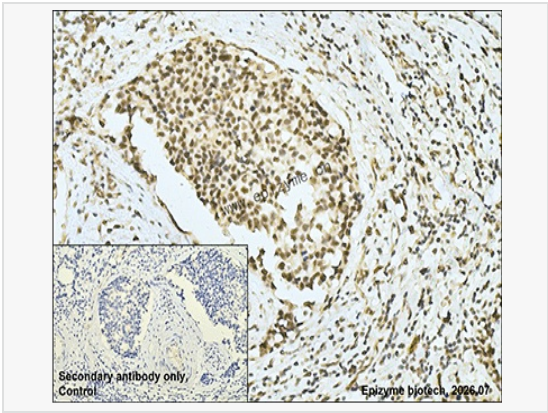
Synonyms	ARC130; CRSP3; DRIP130; KIAA1216; SUR2; MED23; Mediator of RNA polymerase II transcription subunit 23; Activator-recruited cofactor 130 kDa component; Cofactor required for Sp1 transcriptional activation subunit 3; Mediator complex subunit 23; Protein sur-2 homolog; Transcriptional coactivator CRSP130; Vitamin D3 receptor-interacting protein complex 130 kDa component; CRSP complex subunit 3; hSur-2.
Calculated MW	Calculated MW: 157 kDa; Observed MW: 140 kDa
Uniprot ID	Q9ULK4
Gene ID	9439
Background	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein also acts as a metastasis suppressor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2012]
Cellular Location	Nucleus.



Immunofluorescence - Anti-MED23/DRIP130 Rabbit mAb [29A37R18]
Sample: HeLa cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R016199 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).



Western Blot - Anti-MED23/DRIP130 Rabbit mAb [29A37R18]
All lanes: R016199 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 μ g per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 157 kDa
Observed band size: 140 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-MED23/DRIP130 Rabbit mAb [29A37R18]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R016199 at 1:100 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.