

Rabbit anti-Human CEP43 Monoclonal Antibody | anti-CEP43 antibody

CEP43 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282877	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

CEP43; Monoclonal Antibody; CEP43 Rabbit mAb; FOP; FGFR1OP; anti-CEP43 antibody

PRODUCT SPECIFICATIONS

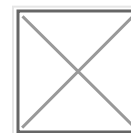
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	PSLKDSSESKR GNTVLKDLKL ISDKIGSLGL GTGEDDDYVD DFNSTSHRSE KSEISIGEEI EEDLSVEIDD INTSDKLDDL TQDLTVSMLS DVADYLEDVA
Applicable Applications for anti-CEP43 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 300-399 of human CEP43 (NP_008976.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



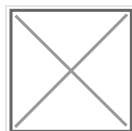
IF (Immunofluorescence)

Immunofluorescence analysis of U-937 cells using CEP43 Rabbit mAb (AAA282877) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



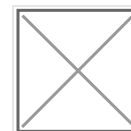
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CEP43 Rabbit mAb (AAA282877) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CEP43 Rabbit mAb (AAA282877) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells using CEP43 Rabbit mAb (AAA282877) at 1:1000 dilution incubated overnight at 4°. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP43 antibody	This gene encodes a largely hydrophilic centrosomal protein that is required for anchoring microtubules to subcellular structures. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and the fibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases of myeloproliferative disorder. The resulting chimeric protein contains the N-terminal leucine-rich region of this encoded protein fused to the catalytic domain of FGFR1. Alterations in this gene may also be associated with Crohn's disease, Graves' disease, and vitiligo. Alternatively spliced transcript variants that encode different proteins have been identified.
Product Categories/Family for anti-CEP43 antibody	Cancer; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Growth factors; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901954
NCBI GeneID	11116
NCBI Accession #	NP_008976.1
NCBI GenBank Nucleotide #	NM_007045.2
UniProt Accession #	O95684; Q49AI0; Q5R3F6; Q96EW1; A8K1D1; B2R705
Molecular Weight	Calculated MW: 43kDa Observed MW: 50kDa
UniProt Protein Name	FGFR1 oncogene partner
UniProt Gene Name	FGFR1OP
UniProt Synonym Gene Names	FOP
UniProt Entry Name	FR1OP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cep43-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282877>