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## Datasheet for ABIN7465931 **anti-CEP164 antibody**

### Overview

Quantity:	100 µL
Target:	CEP164
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEP164 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	The immunogen used to generate this antibody corresponds to human CEP164.
Clone:	13
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

### Target Details

Target:	CEP164
Alternative Name:	centrosomal protein 164 ( <a href="#">CEP164 Products</a> )
Background:	Centrosomal protein 164 , NPHP15, This gene encodes a centrosomal protein involved in

## Target Details

microtubule organization, DNA damage response, and chromosome segregation. The encoded protein is required for assembly of primary cilia and localizes to mature centrioles. Defects in this gene are a cause of nephronophthisis-related ciliopathies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]

Molecular Weight: 164 kDa

Gene ID: 22897

UniProt: [Q9UPV0](#)

Pathways: [M Phase](#)

## Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Comment: Positive Control: HeLa

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, No Preservative

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.