

Datasheet for ABIN951111

anti-CCDC54 antibody (Middle Region)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	CCDC54
Binding Specificity:	AA 98-128, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC54 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 98-128 amino acids from the Central region of human CCDC54
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CCDC54.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CCDC54
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Target Details

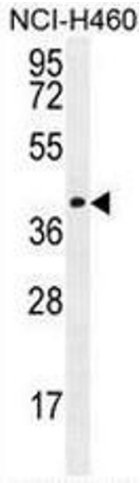
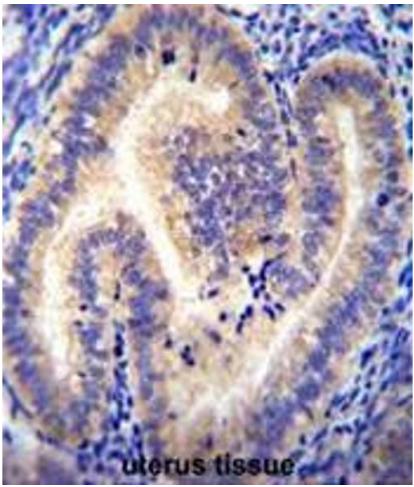
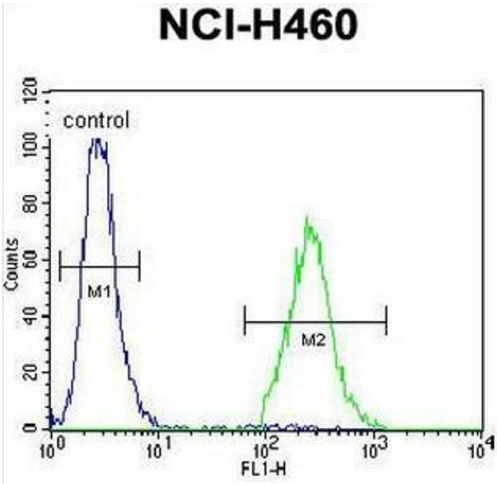
Alternative Name:	CCDC54 (CCDC54 Products)
Background:	The specific function of CCDC54 (coiled-coil domain containing 54) is not yet known. The CCDC54 gene appears to be conserved in chimpanzee, dog, mouse, and rat.Synonyms: Coiled-coil domain-containing protein 54, NYD-SP17, Testis development protein NYD-SP17
Molecular Weight:	37886 Da
Gene ID:	84692
NCBI Accession:	NP_115989

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. CCDC54 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. CCDC54 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CCDC54 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. CCDC54 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35µg/lane). This demonstrates the CCDC54 antibody detected the CCDC54 protein (arrow).