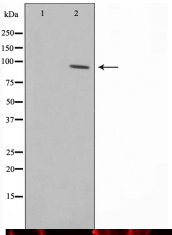
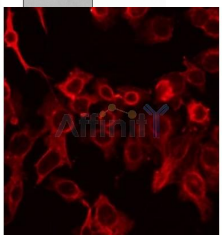
CDCP1 Ab

Cat.#: AF0539	Concn.: 1mg/ml	Mol.Wt.: 90kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	CDCP1 Ab detects endogenous levels of CDCP1.
Immunogen:	A synthesized peptide derived from human CDCP1.
Uniprot:	Q9H5V8
Description:	CDCP1 a transmembrane protein containing three extracellular CUB domains. Overexpressed in some colon and lung cancers. Its expression level is correlated with the metastatic ability of carcinoma cells. It has been shown to be tyrosine phosphorylated in a cancer cell line. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Subcellular Location:	Secreted and Cell membrane. Shedding may also lead to a soluble peptide.
Tissue Specificity:	Highly expressed in mitotic cells with low expression during interphase. Detected at highest levels in skeletal muscle and colon with lower levels in kidney, small intestine, placenta and lung. Up-regulated in a number of human tumor cell lines, as well as in colorectal cancer, breast carcinoma and lung cancer. Also expressed in cells with phenotypes reminiscent of mesenchymal stem cells and neural stem cells.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on COLO205 cell lysate using CDCP1 Ab,The lane on the left is treated with the antigen-specific peptide.



AF0539 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.