

Datasheet for ABIN1532201

anti-Cytokeratin 18 antibody (AA 1-50)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Keratin 18.
Isotype:	IgG
Specificity:	Keratin 18 Antibody detects endogenous levels of total Keratin 18 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Keratin 18 (KRT18 Products)

Target Details

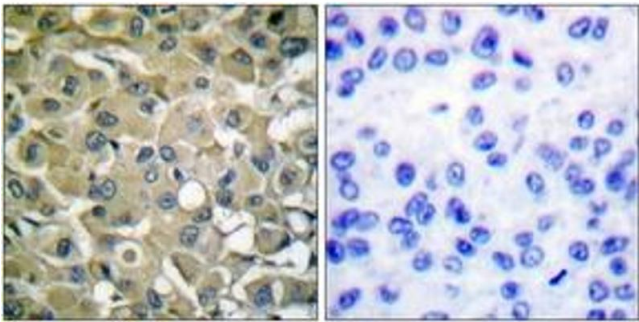
Background:	Synonyms: CK 18, CK18, CYK18, Cytokeratin endo B, K18, K1C18, KERD, KRT1-18, KRT18, Keratin, Keratin D, Keratin, type I cytoskeletal 18, cytokeratin 18, type I cytoskeletal 18 NCBI Gene Symbol: KRT18
Molecular Weight:	47 kDa
Gene ID:	3875
OMIM:	148070
UniProt:	P05783
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.406013 (NCBI Gene Symbol: KRT18)
Restrictions:	For Research Use only

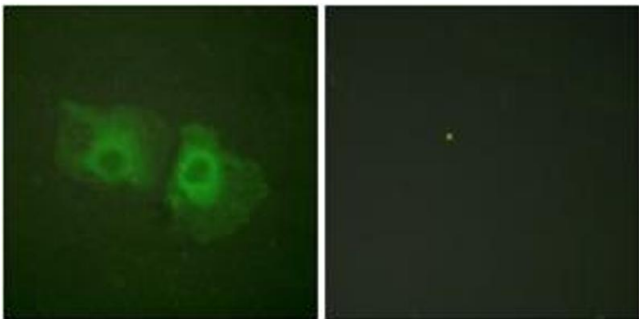
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



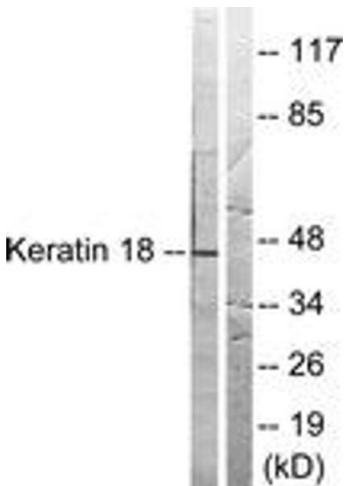
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 18 (Ab-33) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using Keratin 18 (Ab-33) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from HeLa cells, treated with UV 5', using Keratin 18 (Ab-33) Antibody. The lane on the right is treated with the synthesized peptide.