

Datasheet for ABIN1531185

anti-Cytokeratin 18 antibody (pSer34)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 1-50, pSer34
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

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Keratin 18 around the phosphorylation site of Ser33.
Isotype:	IgG
Specificity:	Keratin 18 (Phospho-Ser33) Antibody detects endogenous levels of Keratin 18 only when phosphorylated at Ser33. PhosphorylationH:S34 M:S35 R:S35
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

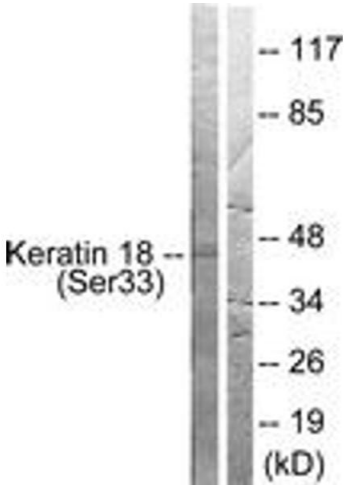
Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Keratin 18 (KRT18 Products)
Background:	Synonyms: CK 18, CK18, CYK18, Cytokeratin endo B, K18, K1C18, KERD, KRT1-18, KRT18, Keratin, Keratin D, Keratin, type I cytoskeletal 18, cytokeratin 18, type I cytoskeletal 18 NCBI Gene Symbol: KRT18
Molecular Weight:	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: 1:5000
Comment:	Unigene-Number: Hs.406013 (NCBI Gene Symbol: KRT18)
Restrictions:	For Research Use only

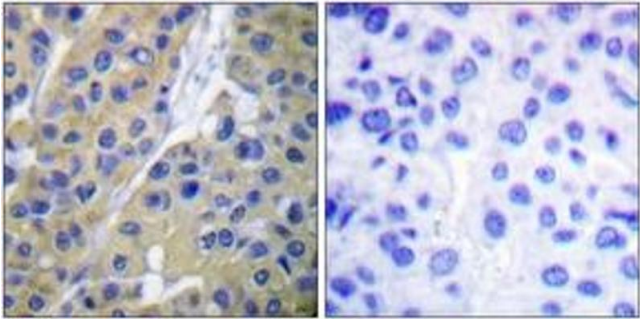
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



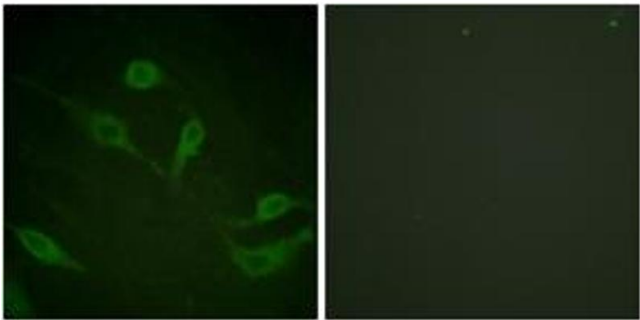
Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells, using Keratin 18 (Phospho-Ser33) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Keratin 18 (Phospho-Ser33) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using Keratin 18 (Phospho-Ser33) Antibody. The picture on the right is treated with the synthesized peptide.