

Datasheet for ABIN1531567

anti-Cytokeratin 18 antibody (pSer52)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 21-70, pSer52
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Keratin 18 around the phosphorylation site of Ser52.
Isotype:	IgG
Specificity:	Keratin 18 (Phospho-Ser52) Antibody detects endogenous levels of Keratin 18 only when phosphorylated at Ser52. PhosphorylationH:S52
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

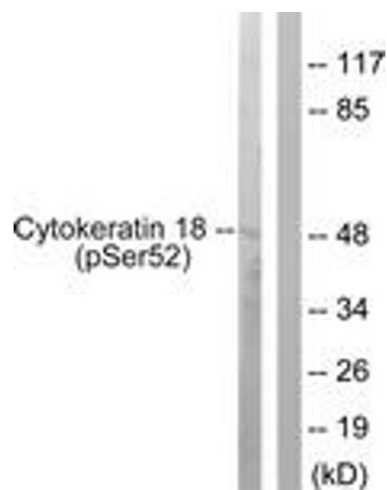
Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Keratin 18 (KRT18 Products)
Background:	Synonyms: CK 18, CK18, CYK18, Cytokeratin endo B, K18, K1C18, KERD, KRT1-18, KRT18, Keratin, Keratin D, Keratin, type I cytoskeletal 18, cytokeratin 18, type I cytoskeletal 18 NCBI Gene Symbol: KRT18
Molecular Weight:	48 kDa
Gene ID:	3875
OMIM:	148070
UniProt:	P05783
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.406013 (NCBI Gene Symbol: KRT18)
Restrictions:	For Research Use only

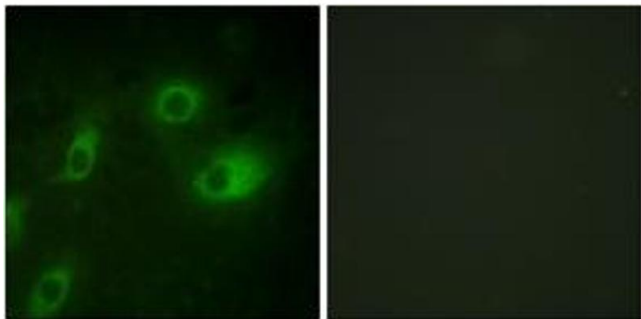
Handling

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 HepG2 cells, using Keratin 18 (Phospho-Ser52) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using Keratin 18 (Phospho-Ser52) Antibody. The picture on the right is treated with the synthesized peptide.