

Datasheet for ABIN5005982

anti-Cytokeratin 18 antibody (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human KRT18
Clone:	3C3
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein G.

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	KRT18 (KRT18 Products)
Background:	Synonyms: Keratin, type I cytoskeletal 18, KRT18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-18, Keratin-18, K18, CYK18, PIG46

Target Details

	Background: Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
Gene ID:	3875
UniProt:	P05783
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months