

Datasheet for ABIN567623
anti-Cytokeratin 18 antibody

3 Images



[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	Cytokeratin 18 (KRT18)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Clone:	AT2G3
Isotype:	IgG2b
Specificity:	The antibody recognizes Human KRT18. Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18 (KRT18 Products)
Background:	Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments. Keratin

Target Details

isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers. Mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases.Synonyms: CK18, CYK18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, K18, KRT18, Keratin 18, Keratin type I cytoskeletal 18, Keratin-18

Gene ID:	3875
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

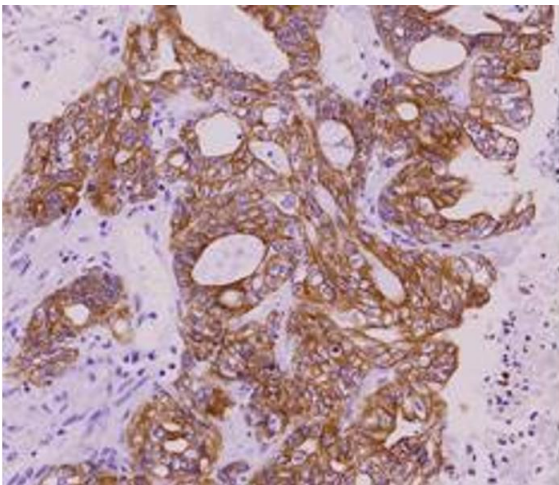
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

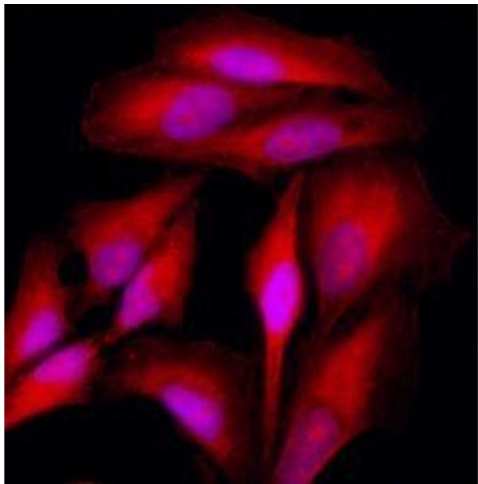
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



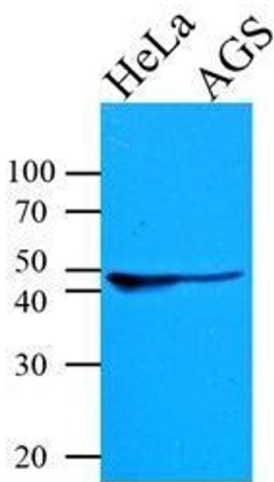
Immunohistochemistry

Image 1.



Immunofluorescence

Image 2.



Western Blotting

Image 3.