

Datasheet for ABIN94298
anti-KRT8 antibody



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2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	KRT8
Reactivity:	Human, Cow, Pig, Sheep
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-Cytokeratin 8 Purified
Immunogen:	Cytoskeleton preparation from HeLa cells.
Clone:	C-51
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody C-51 recognizes cytokeratin 8 (52.5 kDa). Cytokeratins are members of intermediate filaments subfamily of intracellular proteins represented in epithelial tissues.
No Cross-Reactivity:	Chicken, Dog, Mouse, Rabbit, Rat, Xenopus laevis
Cross-Reactivity (Details):	Sheep, Human, Bovine, Porcine
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	KRT8
Alternative Name:	Cytokeratin 8 (KRT8 Products)
Background:	Keratin 8,Cytokeratins are a subfamily of intermediate filaments and are characterized by remarkable biochemical diversity. They are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.,K8, CK8, CYK8, KRT8, K2C8, CARD2
Gene ID:	3856
UniProt:	Q7L4M3

Application Details

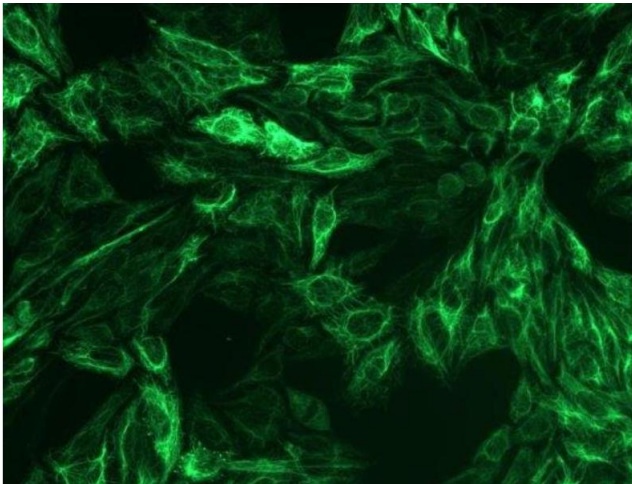
Application Notes:	Immunohistochemistry (paraffin sections): Recommended dilution: 5 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

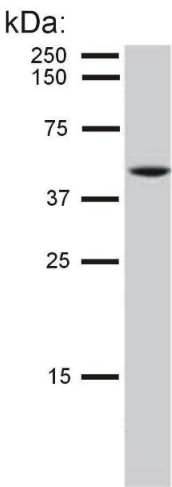
Publications

Product cited in:	Bártek, Vojtšek, Stasková, Bártková, Kerekés, Rejthar, Kovarik: "A series of 14 new monoclonal antibodies to keratins: characterization and value in diagnostic histopathology." in: The Journal of pathology , Vol. 164, Issue 3, pp. 215-24, (1991) (PubMed).
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Immunocytochemistry

Image 1. Immunocytochemistry staining of cytokeratin 8 in Hep-2 cells using mouse monoclonal antibody C-51 ((ABIN94298), diluted 1:200), detected with GAM IgG-Alexa Fluor488 (diluted 1:100, green).



Western Blotting

Image 2. Detection of cytokeratin 8 in HeLa cell lysate by mouse monoclonal antibody C-51 .