

Datasheet for ABIN94296
anti-Keratin 7/17 antibody[Go to Product page](#)

5 Images

1 Publication

Overview

Quantity:	0.1 mg
Target:	Keratin 7/17 (KRT7/17)
Reactivity:	Human, Cow, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 7/17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Cytoskeleton preparation of HeLa human cervix carcinoma cell line.
Clone:	C-46
Isotype:	IgG1
Specificity:	The antibody C-46 reacts with cytokeratin peptides 7 and 17 (54 and 46 kDa). Cytokeratins are members of intermediate filaments subfamily of intracellular proteins represented in epithelial tissues.
No Cross-Reactivity:	Mouse, Rabbit, Rat
Cross-Reactivity (Details):	Porcine, Human, Bovine
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	Keratin 7/17 (KRT7/17)
Alternative Name:	Cytokeratin 7+17 (KRT7/17 Products)
Background:	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.,K7, K17, CK7, CD17, CK17, CYK7, CYK17, KRT7, KRT17, SCL, K2C7

Application Details

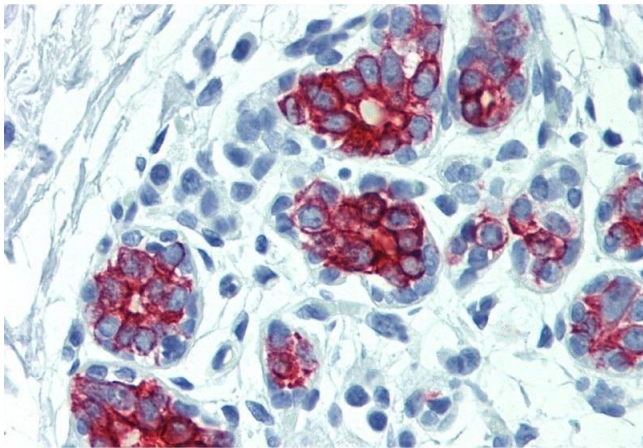
Application Notes:	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/mL, pretreatment: 0,1 % pepsin, 30 min, 37 °C, incubation 4 °C overnight, chromogen DAB, positive tissue: pancreas. Western blotting: Recommended dilution: 1-2 µg/mL, positive control: HeLa cells.
Restrictions:	For 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.

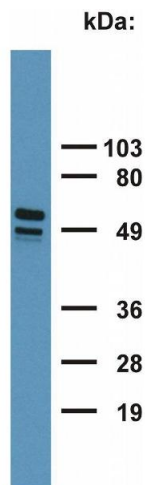
Publications

Product cited in:	Vojtšsek, Stasková, Nenutil, Bártková, Kovarík, Rejthar, Bártek: "A panel of monoclonal antibodies to keratin no. 7: characterization and value in tumor diagnosis." in: Neoplasma , Vol. 37, Issue 3, pp. 333-42, (1990) (PubMed).
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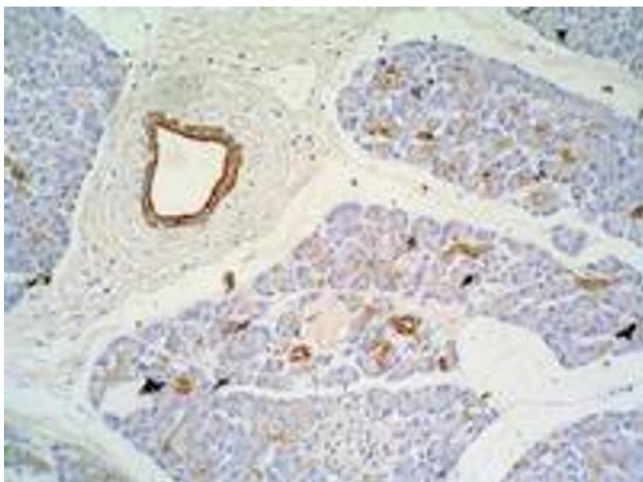
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry staining of human breast (paraffin-embedded sections) with anti-cytokeratin 7+17 (C-46).



Western Blotting

Image 2. Detection of Cytokeratin 7+17 in HeLa cell lysate with monoclonal antibody.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded sections (pancreas) Immunohistochemistry staining of pancreas (paraffin-embedded sections) with anti-Cytokeratin 7+17 (C-46).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN94296.