

Product Datasheet

Cytokeratin 7/17 Antibody (orb43713)

Catalog Number	orb43713
Category	Antibodies
Description	Mouse Monoclonal to Cytokeratin 7/17.
Target	Cytokeratin 7/17
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Unconjugated
Reactivity	Bovine, Human, Porcine
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Cytoskeleton preparation of HeLa human cervix carcinoma cell line.
RRID	AB_10996820
Tested applications	ICC, IHC-P, IP, WB
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.

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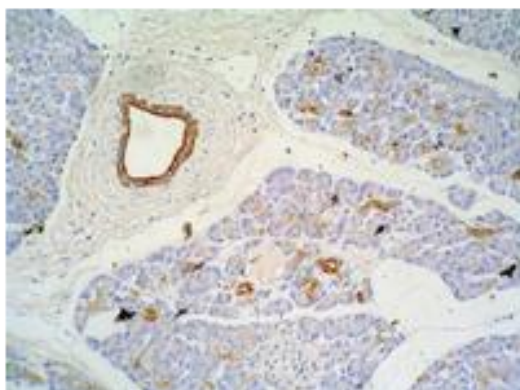
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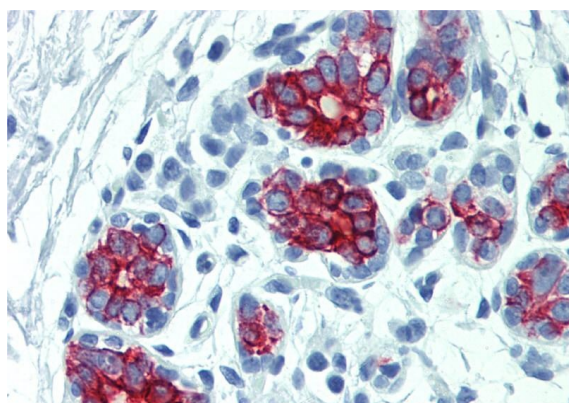
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Specificity	The antibody C-46 reacts with cytokeratin peptides 7 and 17 (54 and 46 kDa). Cytokeratins are members of intermediate filaments subfamily of intracellular proteins represented in epithelial tissues.
Antibody Type	Primary Antibody
Clone Number	C-46
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	35
Expiration Date	12 months from date of receipt.



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



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

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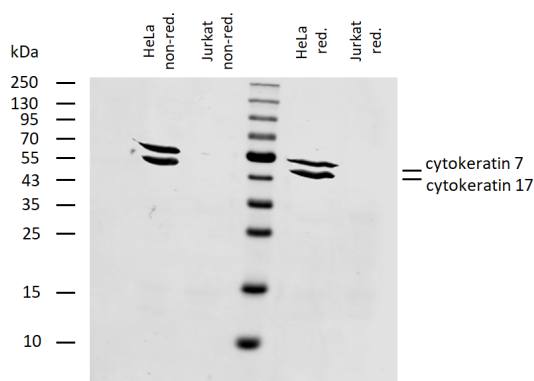
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Western blotting analysis of human cytokeratin 7+17 using mouse monoclonal antibody C-46 on lysates of HeLa cell line and Jurkat cell line (cytokeratin non-expressing cell line; negative control) under non-reducing and reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of mouse anti-cytokeratin 7+17 monoclonal antibody C-46 followed by IRDye800-conjugated anti-mouse IgG1 secondary antibody. A specific band was detected for cytokeratin 17 at approximately 46 kDa and for cytokeratin 7 at approximately 54 kDa.

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