

Product datasheet for **SM3046P**

Cytokeratin 7 (KRT7) (+ KRT17) Mouse Monoclonal Antibody [Clone ID: C-46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C-46
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Immunoprecipitation. Immunocytochemistry. Western Blot: 1 µg/ml <i>Sample Preparation:</i> Lysis 1% lauryl maltoside fo for 1 hour, 5x10 sec. sonication; 5 min. in hot Laemmli buffer (reducing conditions.) <i>Positive Control:</i> HeLa Human cell line. Immunohistochemistry on Paraffin Sections: 20 µg/ml. <i>Pretreatment:</i> 0.1% pepsin, 30 min, 37°C. Incubation: 4°C overnight; Chromogen DAB. <i>Positive tissue:</i> Pancreas.
Reactivity:	Human, Porcine, Bovine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Cytoskeleton preparation of HeLa human cervix carcinoma cell line.
Specificity:	The antibody C-46 reacts with Cytokeratin peptides 7 and 17 (54 and 46 kDa). Negative Species: Mouse, Rat, Rabbit.
Formulation:	PBS, pH~7.4 State: Purified State: Liquid purified Tissue Culture Supernatant (> 95% by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!



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Stability: Shelf life: one year from despatch.

Gene Name: keratin 7

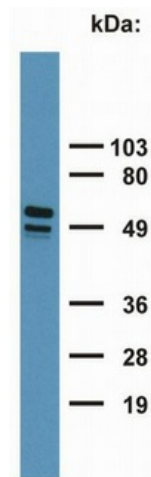
Database Link: [Entrez Gene 3855 Human P08729](#)

Background: Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues. Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins 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.

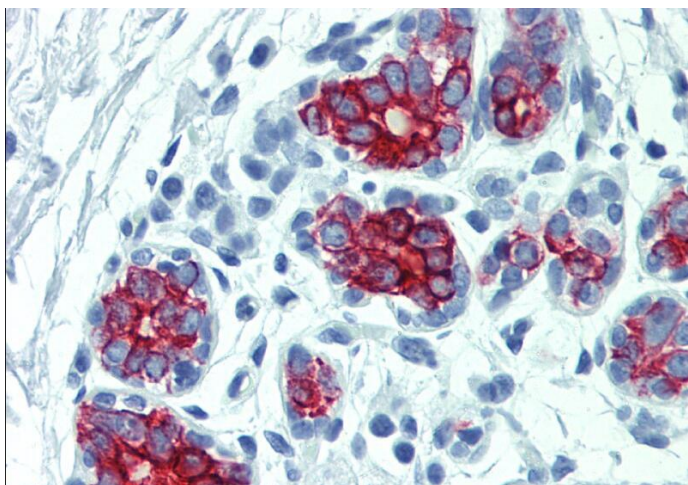
Synonyms: KRT7, KRT-7, SCL, CK-7, CK7, Keratin-7, K7, K-7, Sarcolectin

Protein Families: ES Cell Differentiation/IPS

Product images:



Detection of Cytokeratin 7+17 in HeLa cell lysate with monoclonal anti-Cytokeratin 7+17 Antibody (Clone C-46).



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