

Product datasheet for **AM06287SU-N**

Cytokeratin 19 (KRT19) Mouse Monoclonal Antibody [Clone ID: 9H8G6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9H8G6
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli.
Specificity:	Recognizes Cytokeratin 19
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	44 kDa
Gene Name:	keratin 19
Database Link:	Entrez Gene 3880 Human P08727



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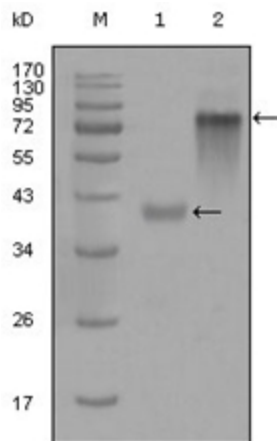
Background:

Cytokeratin 19, also known as KRT19, CK19, CK19, K1CS, MGC15366 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis.

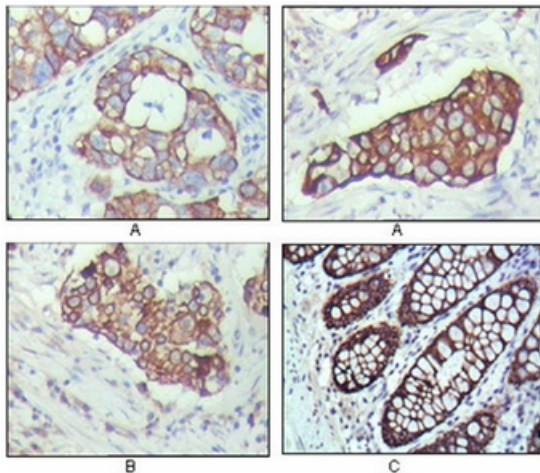
Synonyms:

Cytokeratin-19, Keratin-19, KRT19, CK19, K19

Product images:



Western blot analysis using Cytokeratin 19 antibody Cat.-No AM06287SU-N against truncated KRT19-His recombinant protein (Lane 1) and full-length KRT19 (aa1-400)-hlgGfc transfected CHO-K1 cell lysate (Lane 2).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A), lung cancer (B) and normal colon tissue (C), showing cytoplasmic localization with DAB staining using Cytokeratin 19 antibody Cat.-No AM06287SU-N