

Product datasheet for **AM06300SU-N**

Cytokeratin 19 (KRT19) Mouse Monoclonal Antibody [Clone ID: 4F12G9]

Product data:

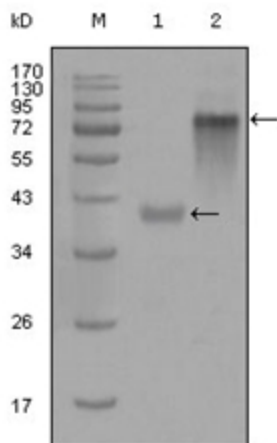
Product Type:	Primary Antibodies
Clone Name:	4F12G9
Applications:	WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli strain.
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
Background:	Cytokeratin 19 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 envelops the developing epidermis.



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

Product images:



Western blot analysis using Cytokeratin 19 antibody Cat.-No AM06300SU-N against truncated KRT19-His recombinant protein (Lane 1) and full-length KRT19 (aa1-400)-hlgGFc transfected CHO-K1 cell lysate (Lane 2).