

Product datasheet for AP07154PU-N

Cytokeratin 19 (KRT19) (21-40) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/1000. Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Reactivity:	Human, Monkey, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide comprised of amino acids 21-40 of Mouse Cytokeratin-19
Specificity:	This antibody detects Keratin, Type I Cytoskeletal 19 (KRT19) at aa 21-40.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% (w/v) Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store 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.
Gene Name:	keratin 19
Database Link:	Entrez Gene 3880 Human P08727

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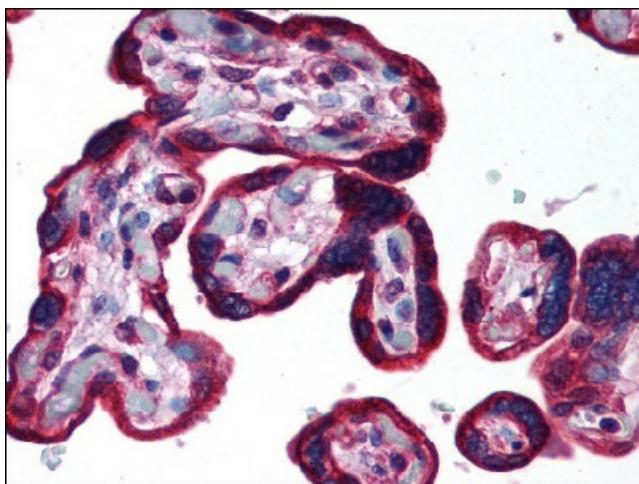
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Background:

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. KRT19 is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

Synonyms:

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

Product images:

KRT19 antibody staining of Formalin-Fixed Paraffin-Embedded Human Placenta at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.