

Product datasheet for **AM33008PU-N**

KRT6A Mouse Monoclonal Antibody [Clone ID: LL020]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LL020
Applications:	IF, IHC, WB
Recommended Dilution:	Immunoblotting. Immunofluorescence. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human, Zebrafish
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Fusion of SP2/0-Ag14 murine myeloma cells with spleen cells from a mouse immunized with a carboxyterminal peptide of cytokeratin 6.
Specificity:	LL020 can be used as a proliferation marker in hyperproliferative malignant tissue, such as squamous cell carcinoma of the lung. Keratin 6 is specifically found in hyperproliferative squamous epithelium such as psoriatic lesions and squamous cell carcinomas, e.g. of the lung. It is expressed in suprabasal keratinocytes of wounded epidermis, a situation of high cell turnover. <i>LL020</i> reacts with the basal and suprabasal layers of the entire outer root sheath in normal skin.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freeze-thaw cycles.
Stability:	Shelf life: One year from despatch.
Gene Name:	keratin 6A



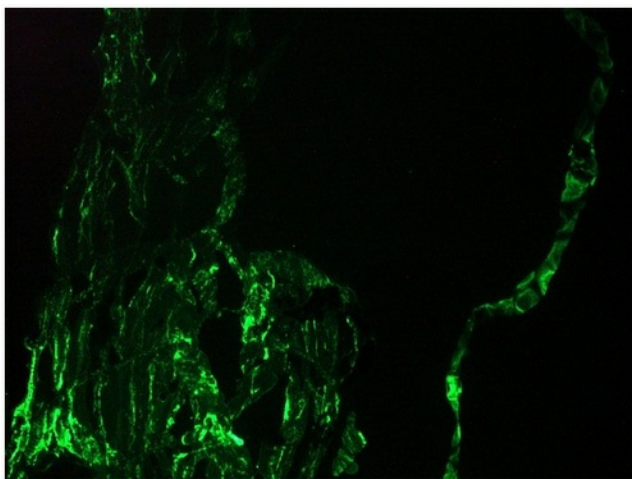
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Database Link: [Entrez Gene 3853 Human P02538](#)

Background: Cytokeratins are a subfamily of intermediate filament proteins and are characterized by a remarkable biochemical diversity, represented in epithelial tissues by at least 20 different polypeptides. They range in molecular weight between 40 kDa and 68 kDa and isoelectric pH between 4.9 – 7.8. The individual cytokeratin polypeptides are numbered 1 to 20. The various epithelia in the human body usually express cytokeratins which are not only characteristic of the type of epithelium, but also related to the degree of maturation or differentiation within an epithelium. Cytokeratin subtype expression patterns are used to an increasing extent in the distinction of different types of epithelial malignancies. The cytokeratin antibodies are not only of assistance in the differential diagnosis of tumors using immunohistochemistry on tissue sections, but are also a useful tool in cytopathology and flow cytometric assays.

Synonyms: Cytokeratin 6, KRT-6, K6, KRT6A, KRT6D, KRT6B, KRT6C, KRT6E, KRTL1

Product images:



Immunofluorescence staining of a 7 days old Zebrafish embryo.