

细胞角蛋白 74 抗体

产品货号： mlR16833

英文名称： KRT74

中文名称： 细胞角蛋白 74 抗体

别名： CK-74; Cytokeratin-74; K2C74_HUMAN; K5C; K6IRS4; K74; KB37; Keratin; Keratin-5c; Keratin-74; KRT5C; KRT6IRS4; Krt74; type II cytoskeletal 74; Type II inner root sheath-specific keratin-K6irs4; Type-II keratin Kb37.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Dog, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 58kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human KRT74:401-500/529

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This protein belongs to a family of keratins that are specifically expressed in the inner root sheath of hair follicles.[provided by RefSeq, Jun 2009]

Function:

Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle.

Subunit:

Heterotetramer of two type I and two type II keratins.

Tissue Specificity:

Highly expressed in hair follicles from scalp. In hair, it is specifically present in the inner root sheath (IRS) of the hair follicle. Present in the IRS Huxley layer, but not in Henle layer or cuticle of the IRS. In the IRS Huxley layer, it is expressed in specialized Huxley cells, termed 'Fluegelzellen, along the area of differentiated Henle cells (at protein level).

DISEASE:

Defects in KRT74 are a cause of woolly hair autosomal dominant (ADWH) [MIM:194300]. A hair shaft disorder characterized by fine and tightly curled hair. Compared to normal curly hair that is observed in some populations, woolly hair grows slowly and stops growing after a few inches. Under light microscopy, woolly hair shows some structural anomalies, including trichorrexis nodosa and tapered ends.

Similarity:

Belongs to the intermediate filament family.

SWISS:

Q7RTS7

Gene ID:

121391

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

