

磷酸化细胞角蛋白 8 抗体

产品货号： mlR12920

英文名称： phospho-Cytokeratin 8 (Ser431)

中文名称： 磷酸化细胞角蛋白 8 抗体

别名： Cytokeratin 8 (phospho S431); p-Cytokeratin 8 (phospho S431); card2; Cardiac autoantigen 2 120kD; CK 8; CK-8; ck8; Cyt 8; cyk8; CYKER; Cytokeratin endo A; Cytokeratin-8; Cytokeratin8; DreK8; EndoA; k0; CYK8; k2c8; K2C8_HUMAN; k8; Keratin 8; Keratin type ii cytoskeletal 8; Keratin, type II cytoskeletal 8; Keratin-8; Keratin8; KO; Krt 2.8; Krt 8; krt8; KRT-8; MGC118110; MGC174782; MGC53564; MGC85764; sb:cb186; Type-II keratin Kb8.

产品类型： 磷酸化抗体

研究领域： 肿瘤 细胞生物 免疫学 信号转导 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Horse,

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： 53kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthesised phosphopeptide derived from human CK8 around the phosphorylation site of Ser431:LT(p-S)PG

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 : This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012].

Function:

Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Subunit:

Heterotetramer of two type I and two type II keratins. KRT8 associates with KRT18. Associates with KRT20. Interacts with HCV core protein and PNN. When associated with KRT19, interacts with DMD. Interacts with TCHP. Interacts with APEX1.

Subcellular Location:

Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.

Tissue Specificity:

Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.

Post-translational modifications:

Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization.

O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation.

O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.

DISEASE:

Defects in KRT8 are a cause of cirrhosis (CIRRH) [MIM:215600].

Similarity:

Belongs to the intermediate filament family.

SWISS:

P05787

Gene ID:

3856

Important Note:

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

细胞角蛋白是一类与结构相关的蛋白家族，其在上皮细胞中形成细胞骨架中间丝。CK8 存在于某些正常腺上皮及其肿瘤，包括许多导管上皮和腺上皮，如结肠、胃、小肠、气管的上皮和尿路上皮。CK8 主要用于腺癌和导管癌的诊断，该抗体特异识别第 23 位丝氨酸磷酸化的 CK8。

产品图片

