

## 角质蛋白 $\beta$ 抗体

产品货号： mlR11163

英文名称： SPRR3

中文名称： 角质蛋白  $\beta$  抗体

别名： 22 kDa pancornulin; Cornifin beta; Cornifin B; Esophagin; Small proline rich protein 3; Small proline-rich protein 3; SPRC; Sprr3; Esophagin; SPRR3\_HUMAN.

研究领域： 细胞生物 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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 : 18kDa

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 SPRR3/Cornifin B:21-100/169

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：** Esophagin, also known as small proline-rich protein 3 (SPR3) or Cornifin J, belongs to the cornifin family of cornified-envelope structural proteins. It is expressed in mucosal epithelia such as esophagus and tongue and is strongly induced during epidermal keratinocyte differentiation. Due to its highly inducible nature, Esophagin is considered a marker of squamous differentiation. Esophagin serves as a cross-linking protein within the cornified cell envelope and may play a role in the maintenance of normal esophageal epithelial homeostasis. It shares significant homology with the related proteins, SPRR1 and SPRR2. Esophagin is typically not expressed in healthy human epithelium, but its expression is upregulated in numerous hyperproliferative disorders of the skin. Contrastly, its expression is dramatically downregulated in esophageal squamous cell carcinoma.

**Function:**

Cross-linked envelope protein of keratinocytes.

**Subunit:**

Belongs to the cornifin (SPRR) family.

**Subcellular Location:**

Cytoplasm.

**Similarity:**

Belongs to the cornifin (SPRR) family.

**SWISS:**

Q9UBC9

**Gene ID:**

6707

**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**

