

## Product datasheet

# Anti-Cytokeratin 4 antibody ab55392

1 References 2 图像

### 概述

产品名称	Anti-Cytokeratin 4抗体
描述	小鼠单克隆抗体to Cytokeratin 4
宿主	Mouse
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to amino acids 194-301 of Human Cytokeratin 4

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG1
轻链类型	kappa

### 应用

Our [Abpromise guarantee](#) covers the use of **ab55392** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 57 kDa.
IHC-P		Use a concentration of 3 µg/ml.

**组织特异性**

Detected in the suprabasal layer of the stratified epithelium of the esophagus, exocervix, vagina, mouth and lingual mucosa, and in cells and cell clusters in the mucosa and serous gland ducts of the esophageal submucosa (at protein level). Expressed widely in the exocervix and esophageal epithelium, with lowest levels detected in the basal cell layer.

**疾病相关**

Defects in KRT4 are a cause of white sponge nevus of cannon (WSN) [MIM:193900]. WSN is a rare autosomal dominant disorder which predominantly affects non-cornified stratified squamous epithelia. Clinically, it is characterized by the presence of soft, white, and spongy plaques in the oral mucosa. The characteristic histopathologic features are epithelial thickening, parakeratosis, and vacuolization of the suprabasal layer of oral epithelial keratinocytes. Less frequently the mucous membranes of the nose, esophagus, genitalia and rectum are involved.

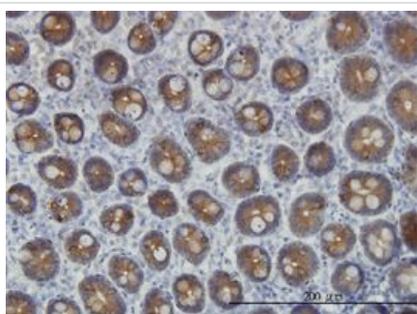
**序列相似性**

Belongs to the intermediate filament family.

**形式**

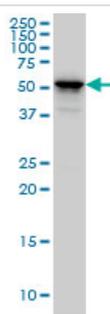
Localisation: Intermediate filament (Cytoskeleton).

**图片**



Cytokeratin 4 antibody (ab55392) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human small Intestine.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 4 antibody (ab55392)



Cytokeratin 4 antibody (ab55392) at 1ug/lane + A-431 cell lysate at 25ug/lane.

Western blot - Anti-Cytokeratin 4 antibody (ab55392)

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