

Cytokeratin 14/16 (S5) polyclonal antibody

Catalog: BS1200

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

In Bowen's disease, the characteristic malignancy of the epidermis exhibits distinct expression patterns of Cytokeratin 14. Mutations in the gene encoding human Cytokeratin 14 lead to epidermolysis bullosa simplex, an inherited skin disorder characterized by skin blistering due to basal keratinocyte fragility. Cytokeratin 16 is expressed in benign stratified squamous epithelium and squamous cell carcinoma of the head and neck, as well as luminal cells of mammary gland and sweat ducts. It is absent in noninvasive breast carcinomas and normal breast tissue. Mutations in the Cytokeratin 16 gene cause various diseases, including pachyonychia congenita type 1 (PC1), nonepidermolytic palmoplantar keratoderma (NEPPK) and unilateral palmoplantar verrucous nevus (UPVN).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P02533

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

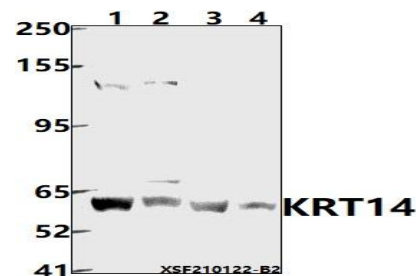
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Cytokeratin 14/16 (S5) polyclonal antibody detects endogenous levels of Cytokeratin 14 and Cytokeratin 16 protein.

DATA:



Western blot (WB) analysis of KRT14 pAb at 1:500 dilution

Lane1:Myla2059 whole cell lysate(40ug)

Lane2:EC9706 whole cell lysate(40ug)

Lane3:SP2/0 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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