

Recombinant Human KRT4 cell lysate

Cat. No. KRT4-956HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	<p>The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.</p>
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KRT4 keratin 4 [Homo sapiens]
Official Symbol	KRT4
Synonyms	KRT4; keratin 4; CYK4; keratin, type II cytoskeletal 4; CK4; cytokeratin 4; K4; keratin;

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type II cytoskeletal 4; type-II keratin Kb4; CK-4; FLJ31692;

Gene ID 3851

mRNA Refseq NM_002272

Protein Refseq NP_002263

MIM 123940

UniProt ID P19013

Chromosome Location 12q13.13

Function structural molecule activity;

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