



Anti-KRT4 (aa 194-300) polyclonal antibody (DPAB-DC1802)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	KRT4 (NP_002263, 194 a.a. ~ 300 a.a) partial recombinant protein with GST tag. The sequence is SSKNLEPLFETYLSVLRKQLDTLGNDKGRLQSELKTMQDSVEDFKTKYEEEINKRTAAEN DFVVLKKDVDAAYLNKVELEAKVDSLNDINFLKVLYDAELSQMQTH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KRT4 keratin 4 [Homo sapiens (human)]
Official Symbol	KRT4
Synonyms	KRT4; keratin 4; K4; CK4; CK-4; CYK4; WSN1; keratin, type II cytoskeletal 4; cytokeratin 4; type-II keratin Kb4;
Entrez Gene ID	3851
Protein Refseq	NP_002263
UniProt ID	B4DRS2
Chromosome Location	12q13.13
Function	protein binding; structural molecule activity;