



## 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

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

### GENE INFORMATION

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

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