



# Human KRT18 peptide (DAG-P1495)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the intermediate filament family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KRT18 keratin 18 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KRT18
<b>Synonyms</b>	KRT18; keratin 18; K18; CYK18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein;
<b>Entrez Gene ID</b>	<a href="#">3875</a>

<b>mRNA Refseq</b>	<a href="#">NM_000224.2</a>
<b>Protein Refseq</b>	<a href="#">NP_000215.1</a>
<b>UniProt ID</b>	P05783
<b>Chromosome Location</b>	12q13
<b>Pathway</b>	Caspase cascade in apoptosis, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;
<b>Function</b>	poly(A) RNA binding; protein binding; scaffold protein binding; structural molecule activity;