



# Human Keratin 19 (DAG362)

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

## PRODUCT INFORMATION

Species	Human
Conjugate	Unconjugated
Applications	IA, SDS-PAGE
Molecular Weight	41 kDa
Format	Liquid
Concentration	1 mg/ml
Size	1 mg
Buffer	Lyophilized from 30mM Tris/HCl, pH 8 containing 9.5M urea, 2mM DTT, 2mM EDTA and 10mM methylammonium chloride
Preservative	None
Storage	2-8°C short term, -20°C long term

## BACKGROUND

Introduction	<p>Keratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 19 is a type I keratin. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically found in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.</p>
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**Keywords**

KRT19; keratin 19; K19; CK19; K1CS; keratin, type I cytoskeletal 19

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