



Pol Polyclonal Anti- Cytokeratin 19, CK19 (Sephacryl Bead Conjugate)

Catalogue No. PA1370-S

Lot No. 0131112157027

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of human CK19 (379-392aa), identical to the related mouse and rat sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sephacryl beads. It is useful for immunoprecipitation assays

BACKGROUND

Cytokeratin-19 (CK-19) or keratin-19 (K19) is a protein that in humans is encoded by the KRT19 gene. Keratin 19 is a type I keratin. 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. 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 expressed 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.

REFERENCE

1. Schweizer J, Bowden PE, Coulombe PA, Langbein L, Lane EB, Magin TM, Maltais L, Omary MB, Parry DA, Rogers MA, Wright MW (Jul 2006). "New consensus nomenclature for mammalian keratins". J Cell Biol 174 (2): 169–74. 2.a b "Entrez Gene: KRT19 keratin 19"

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