Datasheet for ABIN935141
Cytokeratin 18 Protein

Overview

Quantity:	250 µg
Target:	Cytokeratin 18 (KRT18)
Origin:	Cow
Source:	Cow
Protein Type:	Native

Product Details

Characteristics:	Purified native Bovine Keratin K18 Protein Protein Source: Bovine liver
Purity:	> 95 % pure

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Keratin K18 (KRT18 Products)
Background:	Keratin 18 is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products 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. Keratin 18 is often used together with keratin 8 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood. Description: Bovine liver.

Target Details

	Alternative Names: Keratin K 18, Cytokeratin 18 protein, Keratin 18 protein, Keratin K-18, Keratin K18, Keratin K-18 protein, Keratin K 18 protein
Molecular Weight:	45 kDa
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	1 mg/mL
Buffer:	Supplied in lyophilized form with 30 mM Tris/HCl pH 8.0, 9 M urea, 2 mM DTT, 2 mM EDTA, 10 mM methylammonium chloride.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C in lyophilized form. Following reconstitution aliquot and store at -20 °C for long term storage.