



Rabbit Anti-KRT19 monoclonal antibody, clone TB41-17 (DCABH-2743)

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

PRODUCT INFORMATION

Target	Cytokeratin 19
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TB41-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	40 kDa
Cellular Localization	Cytoplasm
Positive Control	Ags, MCF-7, human liver tissue, mouse liver tissue, human breast carcinoma tissue, human stomach carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells and have been found to be useful markers of tissue differentiation, which is directly applicable to the characterization of malignant tumors. For example, many types of cancer cells express Cytokeratin 19 (CK19), an epithelial cytoskeletal protein within the suprabasal squamous epithelium. Cytokeratin 19 is a specific marker of moderate to severe dysplasia and carcinoma in situ in oral cavity squamous epithelium, and measurement of Cytokeratin 19 may be a useful marker in diagnosing hepatoma. Cytokeratin 19 fragment levels in serum have been documented as a marker for lung cancer. Clinical investigations have suggested that serum CYFRA 21-1, a fragment of Cytokeratin 19, may be among the most useful tumor markers.

Keywords 40 kDa keratin intermediate filament;CK 19;CK-19;CK19;Cytokeratin 19;Cytokeratin-19;K19;K1C19_HUMAN;K1CS;Keratin 19;Keratin type I 40 kD;Keratin type I 40kD;Keratin type I cytoskeletal 19;Keratin, type I cytoskeletal 19;Keratin, type I, 40 kd;Keratin-19;KRT19;MGC15366 antibody