

Anti-KRT1 monoclonal antibody, clone DL 321 (BF2) (DCABH-489)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Cytokeratin AE1
Antigen Description	May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein kinase C (RACK1/GNB2L1).
Specificity	This antibody recognizes low molecular weight cytokeratins CK 10, CK14, CK15, CK16 and CK19 of the acidic family.
Immunogen	Human epithelial keratin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Rabbit, Chicken, Cow, Human, Pig, Monkey
Clone	DL 321 (BF2)
Conjugate	Unconjugated
Applications	ICC, IHC-P, IHC-Fr
Positive Control	Human skin, squamous cell Carcinoma tissues.
Format	Liquid
Size	1 ml
Buffer	pH: 7.40; Preservative: 0.05% Sodium azide; Constituents: 98% PBS, 1% BSA
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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Storage	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	KRT1 keratin 1 [Homo sapiens]
Official Symbol	KRT1
Synonyms	KRT1; keratin 1; EHK1, epidermolytic hyperkeratosis 1; keratin, type II cytoskeletal 1; KRT1A; CK-1; cytokeratin 1; cytokeratin-1; 67 kDa cytokeratin; hair alpha protein; type-II keratin Kb1; epidermolytic hyperkeratosis 1; K1; CK1; EHK; EHK1; EPPK; NEPP
Entrez Gene ID	3848
Protein Refseq	NP_006112
UniProt ID	P04264
Chromosome Location	12q13.13
Pathway	Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;
Function	protein binding; receptor activity; structural constituent of cytoskeleton; sugar binding;

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