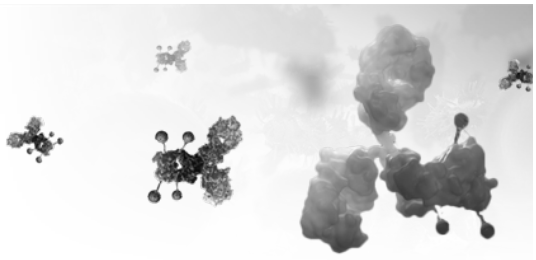

Anti-Cytokeratin monoclonal antibody, clone MQ35 (DMAB5336MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti-human cytokeratin monoclonal antibody is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Specificity	This antibody recognizes keratin polypeptide of 45 (keratin 5), 56 (keratin 6), and 58 kD (keratin 18). It shows a broad pattern of reactivity with human epithelial tissues from simple glandular epithelia to stratified squamous epithelia. This antibody is of value in the identification of tumor cells as being of epithelial or less commonly of mesothelial origin.
Immunogen	BALB/C mice were immunized with human Keratin.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	MQ35
Conjugate	Unconjugated
Applications	IHC
Cellular Localization	Cytoplasmic
Positive Control	Skin
Format	This antibody is supplied as purified antibody containing sodium azide as a preservative.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	See individual product datasheet
Storage	Store at 2-8℃. Do not use beyond the expiration date stated on the label.

BACKGROUND

Introduction	Cytokeratins are proteins of keratin-containing intermediate filaments found in the intracytoplasmic cytoskeleton of epithelial tissue. The term "cytokeratin" began to be used in the late 1970s (for example, see "Intermediate-sized filaments of human endothelial cells" by Franke, Schmid, Osborn and Weber when the protein subunits of keratin intermediate filaments inside cells were first being identified and characterized. In 2006 a new systematic nomenclature for keratins was created and now the proteins previously called "cytokeratins" are simply called keratins. Over 25,000 published articles exist in the biomedical research literature that used the term "cytokeratin".
Keywords	67 kDa cytokeratin; CK1; Cytokeratin 1; Cytokeratin 19; Cytokeratin 8; EHK1; Hair Alpha Protein; K1; Keratin 1; Keratin 19; Keratin 8; Keratin Type II Cytoskeletal 1; KRT1; KRT19; KRT1A; KRT8; KRTA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221