

Datasheet for ABIN6296409
anti-Keratin 77 antibody



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Overview

Quantity:	100 µg
Target:	Keratin 77 (KRT77)
Reactivity:	Human, Rat, Cow, Dog, Mouse, Rabbit, Chicken, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 77 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse anti-Human/Monkey/Cow/Dog/Rabbit/Mouse/Rat/Chicken pan Cytokeratin Antibody Cocktail [Sodium Azide Free]
Immunogen:	Human epidermal keratin was used as the immunogen for the pan Cytokeratin antibody cocktail.
Specificity:	Cytoplasmic
Purification:	Human epidermal keratin was used as the immunogen for the pan Cytokeratin antibody cocktail.

Target Details

Target:	Keratin 77 (KRT77)
Alternative Name:	Keratin, type II cytoskeletal 1b (KRT77 Products)

Target Details

Background:	<p>Target Description: Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, with 67 kDa (CK1), 64 kDa (CK3), 59 kDa (CK4), 58 kDa (CK5), 56 kDa (CK6), 55 kDa (CK7), 52 kDa (CK8), 56.5 kDa (CK10), 53 kDa (CK13), 50 kDa (CK14), 50 kDa (CK15), 48 kDa (CK16), 46 kDa (CK17), 45 kDa (CK18) and 40 kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. KRT-PAN is a broad spectrum anti pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It is useful in characterizing the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and shows high sensitivity in the recognition of epithelial cells and carcinomas.</p> <p>Gene Symbol: KRT77///KRT1B///KRT76///KRT2B///KRT2P</p>
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UniProt: [Q7Z794](#), [Q01546](#)

Application Details

Application Notes:	<p>Flow Cytometry: 0.5-1 µg/million cells in 0.1ml</p> <p>Immunofluorescence: 1-2 µg/mL</p> <p>Western blot: 0.5-1 µg/mL</p> <p>Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT (1)</p> <p>Prediluted format: incubate for 30 min at RT (2)</p>
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Restrictions: For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.