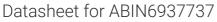
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anti-Keratin 77 antibody



Overview

Quantity:	100 μg
Target:	Keratin 77 (KRT77)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 77 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Human epidermal keratin
Clone:	AE-1
Isotype:	IgG1 kappa
Specificity:	This MAb recognizes the 56.5 kDa (CK10), 50 kDa (CK14), 50 kDa (CK15), 48 kDa (CK16),
	40 kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are
	resolved with two-dimensional gel electrophoresis into acidic (pl , 48, 46, 45, and 40 kDa. MAb
	AE3 recognizes the 65-67, 64, 59, 58, 56, and 52 kDa keratins of basic subfamily. Many studies
	have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.
	AE1/AE3 is a broad spectrum anti pan-keratin 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.

Product Details

1 Toddet Details	
Cross-Reactivity (Details):	Human. Monkey. Cow. Dog. Rabbit. Mouse. Rat. Chicken. Turtle.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.
Target Details	
Target:	Keratin 77 (KRT77)
Alternative Name:	KRT77 (KRT77 Products)
Background:	K1B, KRT1B, Keratin, type II cytoskeletal 1b, K77, CK-1B, Keratin 1B, Keratin-77, Cytokeratin-1B, Type-II Keratin Kb39,Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker) Cellular localisation: Cytoplasmic
Molecular Weight:	40-56.5kDa
Gene ID:	374454, 334989
UniProt:	Q7Z794
Application Details	
Application Notes:	Known_Application: Flow Cytometry (1-2 μg/million cells), Immunofluorescence (1-2 μg/mL), Western Blot (1-2 μg/mL), Immunohistochemistry (Formalin-fixed) (1-2 μg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Skin or squamous cell carcinoma (IHC).
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months