

Anti-Keratin 77 Antibody [AE-1] - BSA and Azide free (A254152)

Specifications:

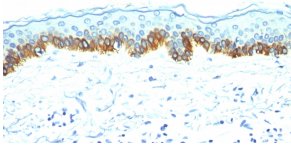
Name:	Anti-Keratin 77 Antibody [AE-1] - BSA and Azide free
Description:	Mouse monoclonal [AE-1] antibody to Keratin 77.
Specificity:	This antibody recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI , 48, 46, 45, and 40kDa. MAb AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa 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.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Monkey, Bovine, Canine, Rabbit, Mouse, Rat, Chicken, Turtle
Immunogen:	Human epidermal keratin.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	AE-1
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Keratin 77 Antibody [AE-1] (A250972).

Anti-Keratin 77 Antibody [AE-1] - BSA and Azide free (A254152)

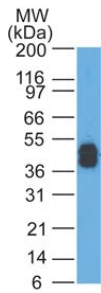
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

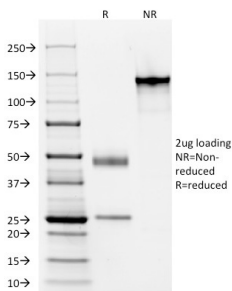
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human skin using Anti-Keratin 77 Antibody [AE-1].



Western blot analysis of A431 cell lysate using Anti-Keratin 77 Antibody [AE-1].



SDS-PAGE analysis of Anti-Keratin 77 Antibody [AE-1] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.