

Anti-Pan-Cytokeratin antibody (100-200 aa) [ABT154] (STJ197095)

STJ197095

GENERAL INFORMATION

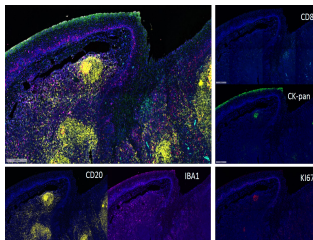
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Pan-Cytokeratin (100-200 aa) is suitable for use in Immunohistochemistry, Western Blot and Immunofluorescence research applications.
Applications	IHC/WB/IF
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

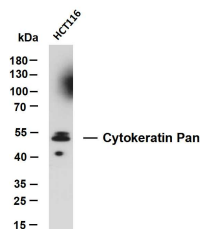
Clonality	Monoclonal
Clone ID	ABT154
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 WB 1:200-1000 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1k
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

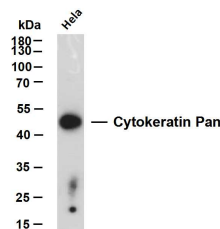
Gene ID	1014 1001 1002 CDH16 CDH3 CAD16_HUMAN CADH3_HUMAN CADH4_HUMAN
Immunogen	Synthesized peptide derived from the human Cytokeratin Pan at the amino acid range 100-200
Immunogen Region	100-200 aa
Specificity	The antibody can recognize multiple human Cytokeratins, including CK10, 13, 14, 15, 16, 18, 19, and it can be used for immunohistochemical detection of tumors from monolayer and multilayered epithel
Immunogen Sequence	



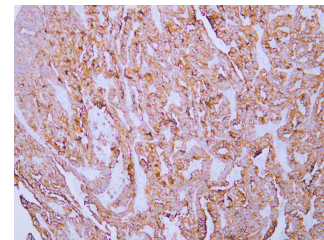
Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Pentuple-Fluorescence kit. CK-pan mouse monoclonal antibody (STJ197095) green, Ki-67 rabbit monoclonal antibody (STJAD006295) red, Iba-1 mouse monoclonal antibody (purple), CD8 a mouse monoclonal antibody (cyan), CD20 mouse monoclonal antibody (yellow). The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



HCT116 whole cell lysates were separated by 10% SDS-PAGE and the membrane was blotted with anti-CK20 (ABT006) antibody. The HRP-conjugated Goat anti-mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: HCT116 Predicted band size: 50-60 kDa Observed band size: 52, 55 kDa



HeLa whole cell lysates were separated by 10% SDS-PAGE and the membrane was blotted with anti-Cytokeratin Pan (ABT154) antibody. The HRP-conjugated Goat anti-mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 50-60 kDa Observed band size: 52 kDa



Human endometrial adenocarcinoma tissue was stained with Anti-Cytokeratin (ABT154) Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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