

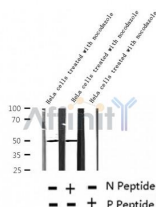
## Phospho-Keratin 17 (Ser44) Ab

Cat.#: AF2355  
Size: 100ul, 200ul

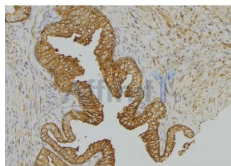
Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 49kDa  
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human, Mouse, Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Keratin 17 (Ser44) Ab detects endogenous levels of Keratin 17.
Immunogen:	A synthesized peptide derived from human Keratin 17 around the phosphorylation site of Ser44.
Uniprot:	Q04695
Subcellular Location:	Cytoplasm.
Tissue Specificity:	Expressed in the outer root sheath and medulla region of hair follicle specifically from eyebrow and beard, digital pulp, nail matrix and nail bed epithelium, mucosal stratified squamous epithelia and in basal cells of oral epithelium, palmoplantar epidermis and sweat and mammary glands. Also expressed in myoepithelium of prostate, basal layer of urinary bladder, cambial cells of sebaceous gland and in exocervix (at protein level).
Similarity:	Belongs to the intermediate filament family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts of HeLa cells treated with nocodazole, using Phospho-Keratin 17 (Ser44) Ab.



AF2355 at 1/100 staining Human colon cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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