

Cytokeratin 19 Rabbit mAb (AR1230)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	44kD (Calculated) 40kD (Observed)

Recommended Dilution Ratios

IHC:	1:400-2000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

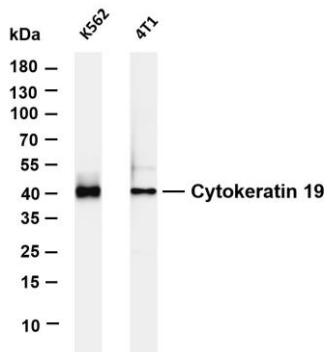
Gene name	KRT19
Protein Name	Keratin type I cytoskeletal 19

Organism	Gene ID	UniProt ID
Human	3880	P08727
Mouse	16669	P19001
Rat	360626	Q63279

Cellular Localization	Cytoplasm
Tissue specificity	Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland

and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

Validation Data



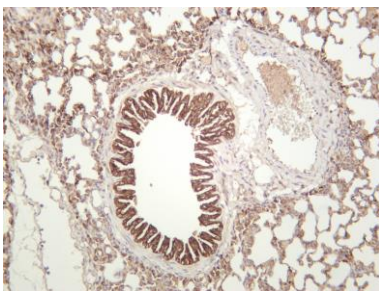
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Cytokeratin 19 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: K562

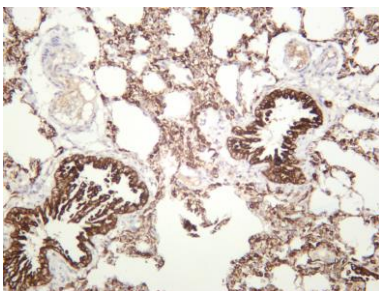
Lane 2: 4T1

Predicted band size: 44kDa

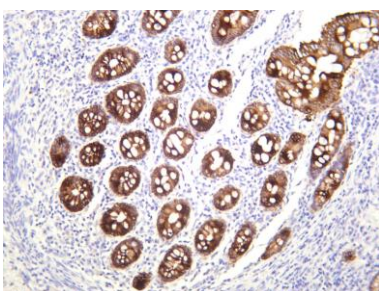
Observed band size: 40kDa



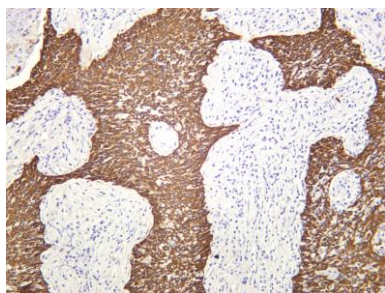
Mouse lung was stained with anti-Cytokeratin 19 rabbit antibody



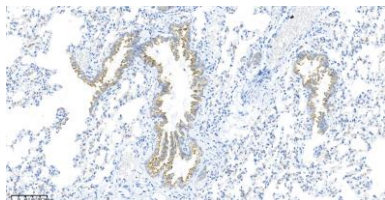
Rat lung was stained with anti-Cytokeratin 19 rabbit antibody



Human colon carcinoma was stained with anti-Cytokeratin 19 rabbit antibody



Human lung was stained with anti-Cytokeratin 19 rabbit antibody



Rat lungs was stained with anti-Cytokeratin 19 Rabbit antibody

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