

Anti-Cytokeratin 9 Antibody

Catalog # AP95922

Product Information

Application	WB, IHC, FC
Primary Accession	P35527
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	62064

Additional Information

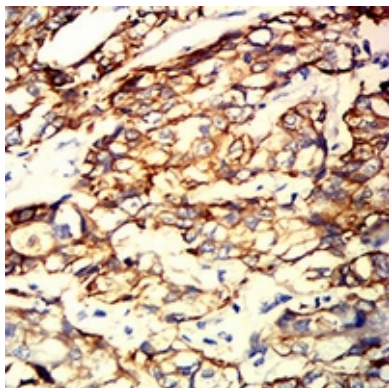
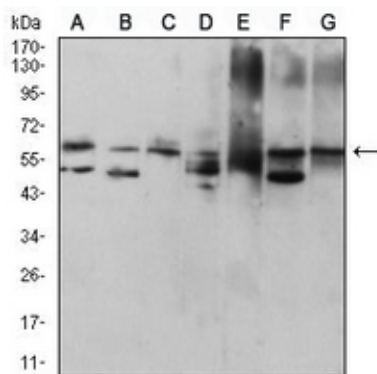
Gene ID	3857
Other Names	Keratin, type I cytoskeletal 9; Cytokeratin-9; CK-9; Keratin-9; K9
Target/Specificity	Recombinant fusion protein of human Cytokeratin 9 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

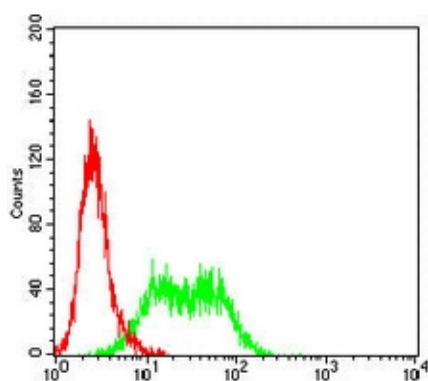
Name	KRT9 (HGNC:6447)
Function	Structural component of intermediate filaments in suprabasal keratinocytes of palmoplantar epidermis. Forms heteropolymers with a type II keratin, assembling into keratin intermediate filament networks that maintain the mechanical integrity of the palmoplantar epidermis.
Tissue Location	Expressed in the terminally differentiated epidermis of palms and soles.

Images

Western blot analysis of Cytokeratin 9 expression in HepG2 (A), MCF7 (B), NIH/3T3 (C), rat heart (D), mouse heart (E), Hela (F), HUVEC (G) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 62 kD)



Immunohistochemical analysis of Cytokeratin 9 staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of A431 cells using Anti-Cytokeratin 9 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.