Product Name: Cytokeratin 14 (11A9) Rabbit Monoclonal Antibody
Catalog #: AMRe09723

Summary

Production Name	Cytokeratin 14 (11A9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	KRT14
Alternative Names	CK-14; CK14; cytokeratin 14; Cytokeratin-14; EBS3; EBS4; K14; K1C14; keratin 14; Keratin, type I cytoskeletal 14; Keratin-14; KRT14; NFJ;
Gene ID	3861.0
SwissProt ID	P02533.

Application

Dilution Ratio	WB 1:2000-1:20000, IHC-P/IF-P 1:200-1:500
Molecular Weight	52kDa

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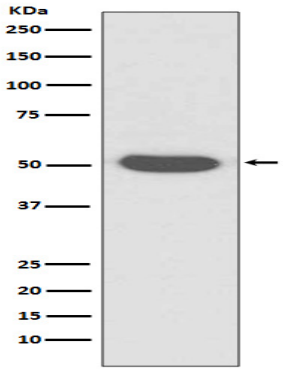
Background

K14 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8]. Both a basic and an acidic keratin are required for filament assembly. The nonhelical tail domain is involved in promoting KRT5- KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.

Research Area

Image Data



Western blot analysis of Cytokeratin 14 expression in A431 cell lysate.

Note

For research use only.