Keratin, type I cytoskeletal 14 Polyclonal Antibody

Catalog No: #42234

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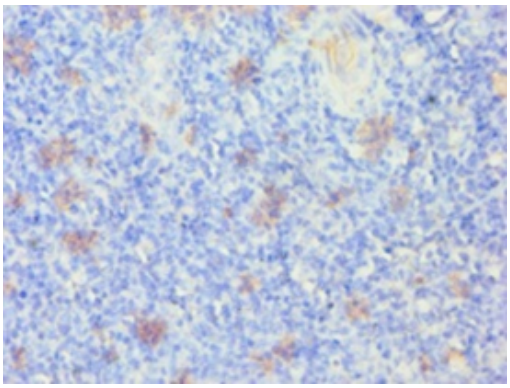
Description

Product Name	Keratin, type I cytoskeletal 14 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Keratin, type I cytoskeletal 14 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Keratin, type I cytoskeletal 14 proteinB£B¨1-472aaB£B©
Target Name	Keratin, type I cytoskeletal 14
Other Names	Cytokeratin-14, Keratin-14, KRT14
Accession No.	Swiss-Prot#: P02533
Uniprot	P02533
GeneID	3861;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

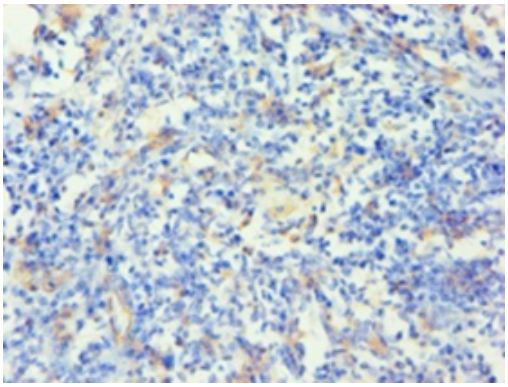
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human tonsil using #42234 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using #42234 at dilution of 1:100.

Background

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.

References

[1]"Novel and recurrent mutations in keratin KRT5 and KRT14 genes in epidermolysis bullosa simplex: implications for disease phenotype and keratin filament assembly." Mueller F.B., Kuester W., Wodecki K., Almeida H. Jr., Bruckner-Tuderman L., Krieg T., Korge B.P., Arin M.J. Hum. Mutat. 27:719-720(2006). [2]"Epidermolysis bullosa simplex in Japanese and Korean patients: genetic studies in 19 cases." Yasukawa K., Sawamura D., Goto M., Nakamura H., Jung S.-Y., Kim S.-C., Shimizu H. Br. J. Dermatol. 155:313-317(2006) . [3]"Naegeli-Franceschetti-Jadassohn syndrome and dermatopathia pigmentosa reticularis: two allelic ectodermal dysplasias caused by dominant mutations in KRT14." Lugassy J., Itin P., Ishida-Yamamoto A., Holland K., Huson S., Geiger D., Hennies H.C., Indelman M., Bercovich D., Uitto J., Bergman R., McGrath J.A., Richard G., Sprecher E. Am. J. Hum. Genet. 79:724-730(2006).

Note: This product is for in vitro research use only