

ARG66493 anti-Cytokeratin 5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Cytokeratin 5
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a, kappa
Target Name	Cytokeratin 5
Species	Human
Immunogen	Synthetic peptide derived from Human Cytokeratin 5.
Conjugation	Un-conjugated
Alternate Names	DDD1; 58 kDa cytokeratin; Keratin, type II cytoskeletal 5; EBS2; Keratin-5; Cytokeratin-5; CK5; KRT5A; K5; CK-5; Type-II keratin Kb5; DDD

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:500

Application Note IHC-P: Antigen Retrieval: EDTA or Tris/EDTA buffer (pH 8.0) was used.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

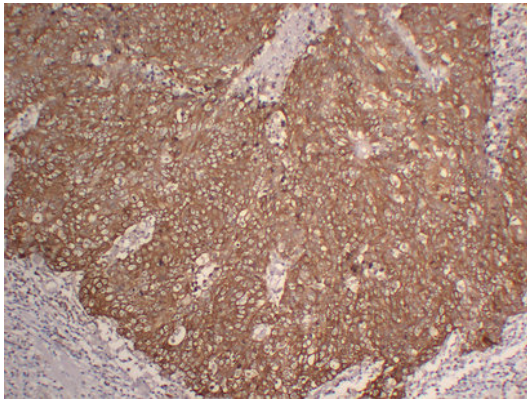
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

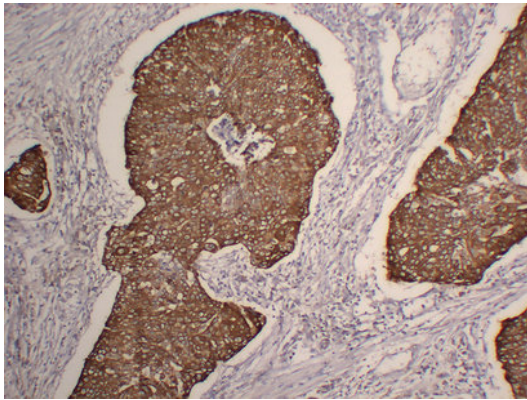
Gene Symbol	KRT5
Gene Full Name	keratin 5, type II
Background	Cytokeratin 5 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]
Calculated Mw	62 kDa

Images



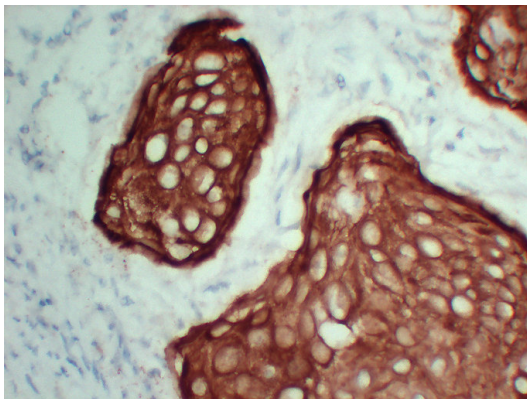
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cervical squamous carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.



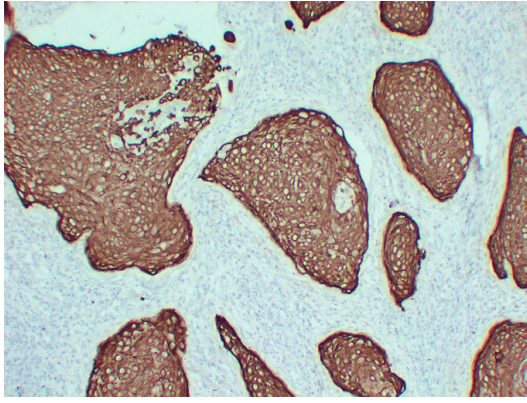
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human squamous cell lung carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.



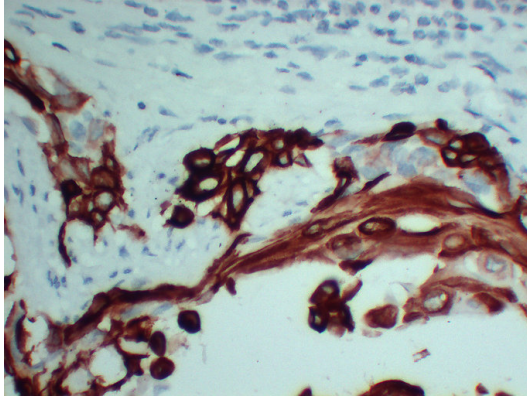
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cervical squamous cell carcinoma (high magnification) stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



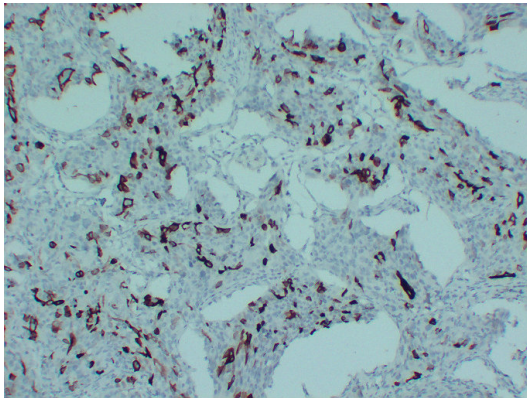
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cervical squamous cell carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



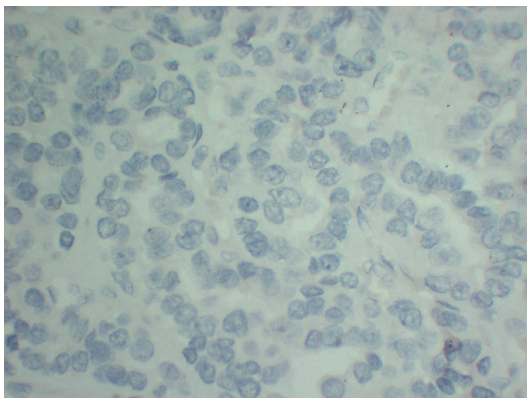
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung squamous cell carcinoma (high magnification) stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



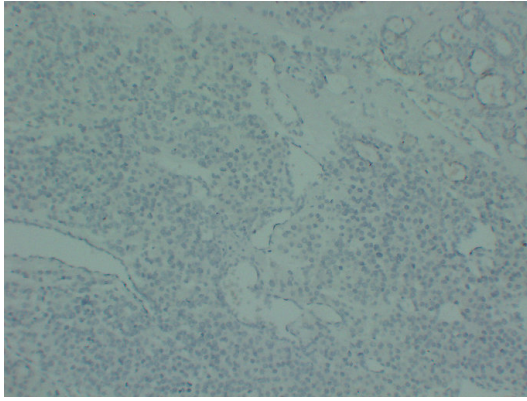
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung squamous cell carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



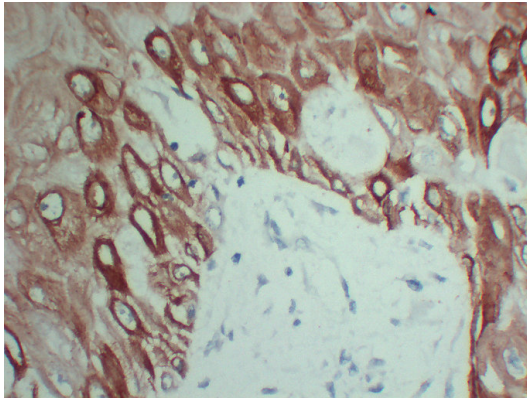
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human medullary thyroid carcinoma (high magnification) stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



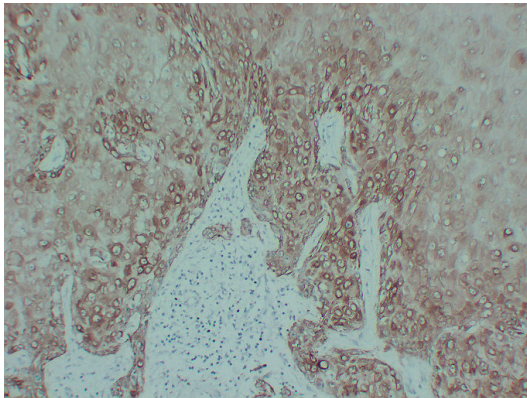
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human medullary thyroid carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



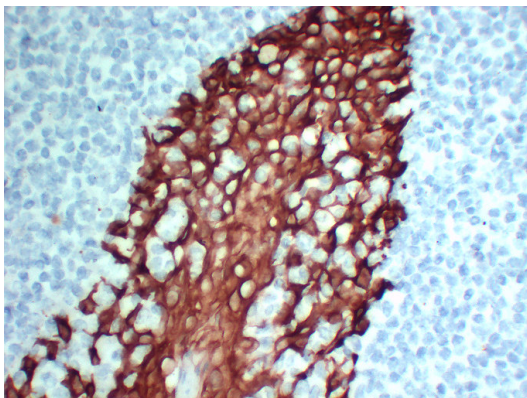
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skin squamous cell carcinoma (high magnification) stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



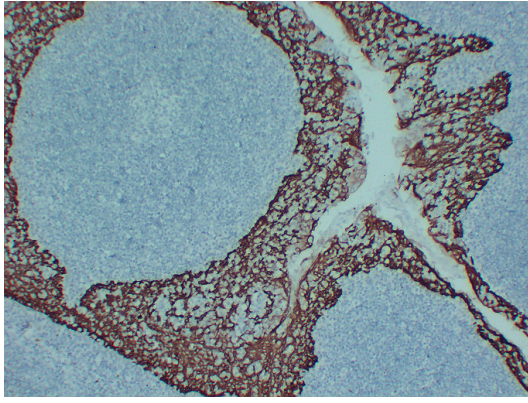
ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skin squamous cell carcinoma stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil (high magnification) stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.



ARG66493 anti-Cytokeratin 5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil stained with ARG66493 anti-Cytokeratin 5 antibody at 1:200 (4°C, overnight). Antigen Retrieval: EDTA buffer (pH 8.0) was used.