

## ARG53180 anti-Cytokeratin 14 antibody [SP53]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Monoclonal antibody [SP53] recognizes Cytokeratin 14
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SP53
Isotype	IgG
Target Name	Cytokeratin 14
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminus of Human Cytokeratin 14.
Conjugation	Un-conjugated
Alternate Names	K14; CK-14; Cytokeratin-14; Keratin, type I cytoskeletal 14; EBS3; EBS4; NFJ; Keratin-14; CK14

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-Dependent
	IHC-P	1:100
	WB	1:25
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 30 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Prostate, Skin, Squamous Cell Carcinoma, A431	

### Properties

Form	Liquid
Purification	Purified by protein A/G
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
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 or below. 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.

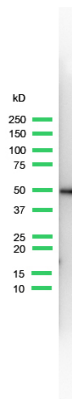
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

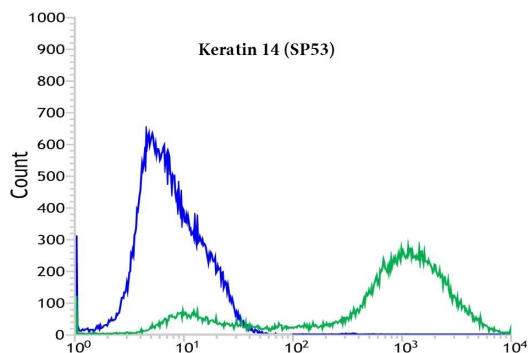
Database links	<a href="#">GeneID: 3861 Human</a> <a href="#">Swiss-port # P02533 Human</a>
Background	Keratin 14 belongs to the type A (acidic) subfamily of low molecular weight keratins and exists in combination with keratin 5.
Highlight	Related products: <a href="#">Keratin14 antibodies: Anti-Rabbit IgG secondary antibodies:</a> Related news: <a href="#">Stem cell and the regenerative medicine: Ready for the patients</a>
Research Area	Signaling Transduction antibody
Calculated Mw	52 kDa
PTM	A disulfide bond is formed between rather than within filaments and promotes the formation of a keratin filament cage around the nucleus. Ubiquitinated by the BCR(KLHL24) E3 ubiquitin ligase complex.
Cellular Localization	Cytoplasm

## Images



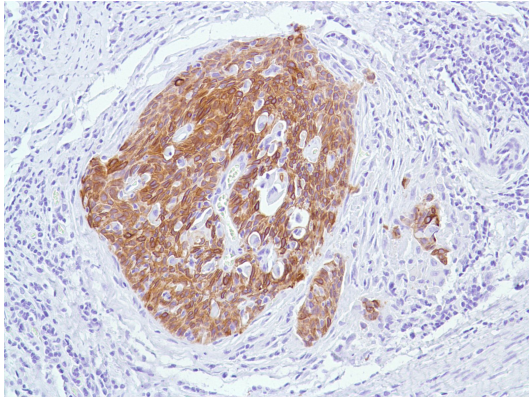
ARG53180 anti-Cytokeratin 14 antibody [SP53] WB image

Western blot: A431 cell lysate stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



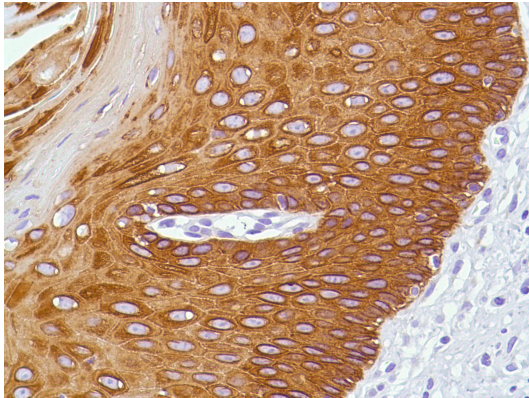
ARG53180 anti-Cytokeratin 14 antibody [SP53] FACS image

Flow Cytometry: A431 cells stained with ARG53180 anti-Cytokeratin 14 antibody [SP53] (green) compare to negative control of Rabbit IgG (blue).



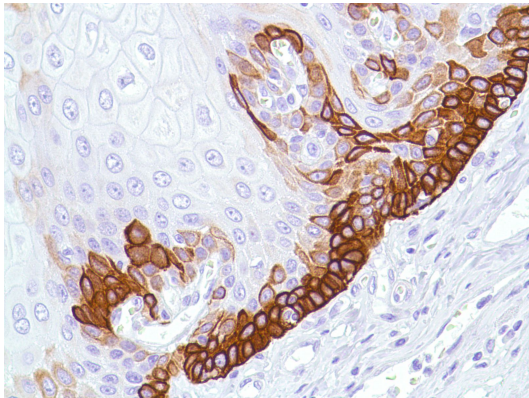
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Cervical Squamous Cell Carcinoma stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



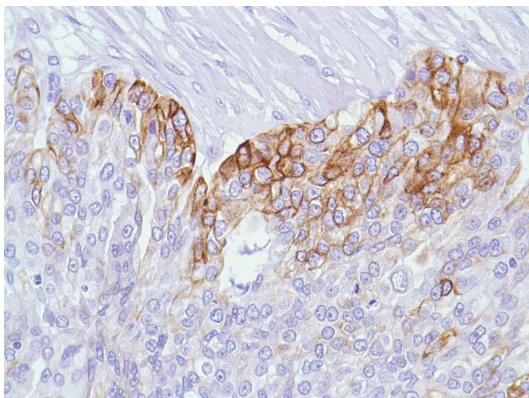
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Cervix stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

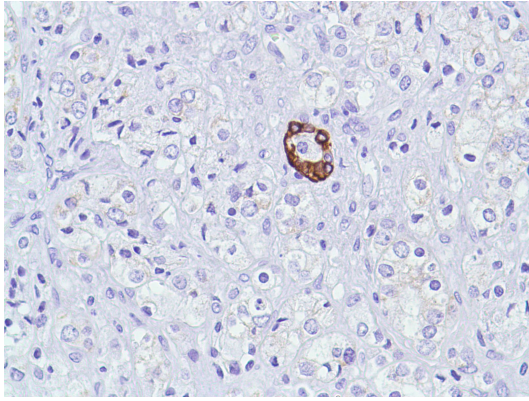
Immunohistochemistry: Human Esophagus stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Ovarian Adenocarcinoma stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].

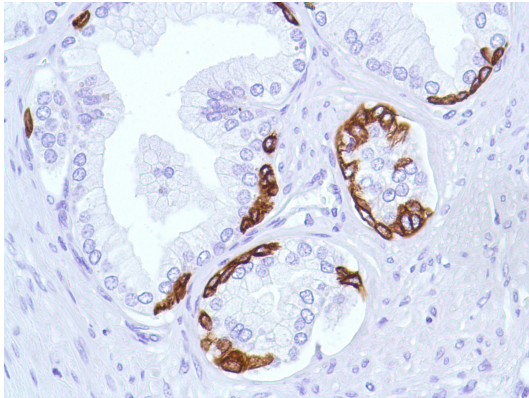




ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Prostate Adenocarcinoma stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].

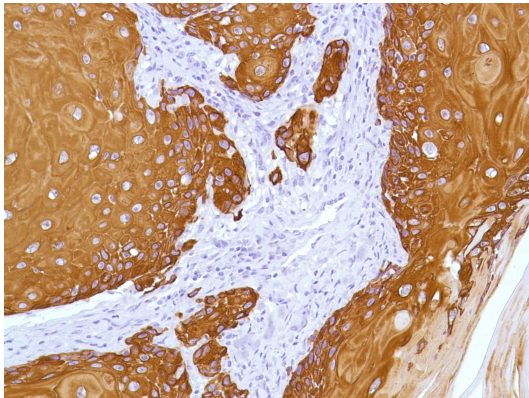
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ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Prostate stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].

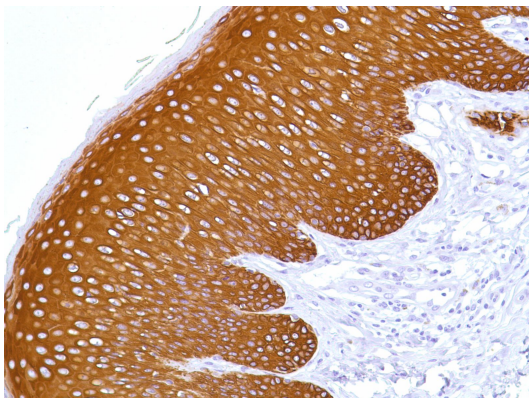
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ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Skin Squamous Cell Carcinoma stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].

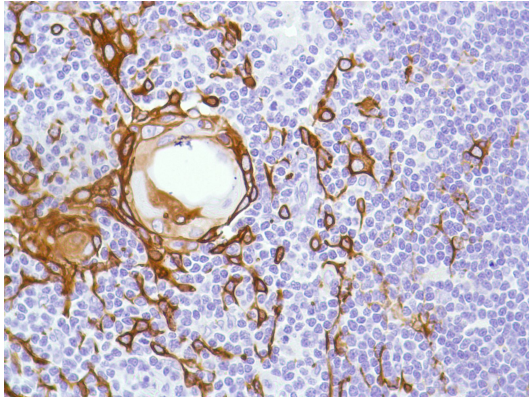
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ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

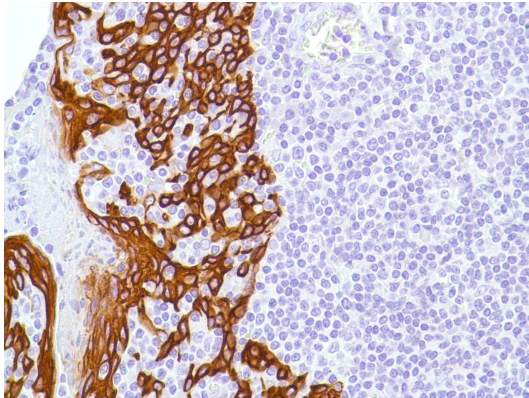
Immunohistochemistry: Human Skin stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].

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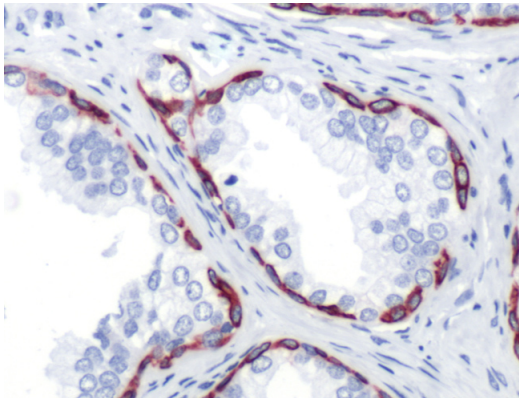
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Thymus stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Tonsil stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].



ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

Immunohistochemistry: Human Prostate stained with ARG53180 anti-Cytokeratin 14 antibody [SP53].