

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

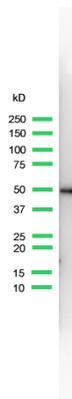
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

Bioinformation

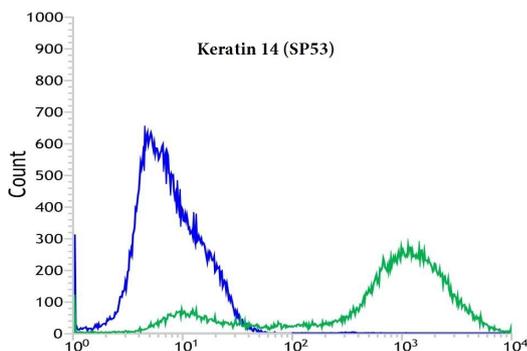
Database links	GeneID: 3861 Human Swiss-port # P02533 Human
Background	Keratin 14 belongs to the type A (acidic) subfamily of low molecular weight keratins and exists in combination with keratin 5.
Highlight	Related products: Keratin14 antibodies: Anti-Rabbit IgG secondary antibodies: Related news: Stem cell and the regenerative medicine: Ready for the patients
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



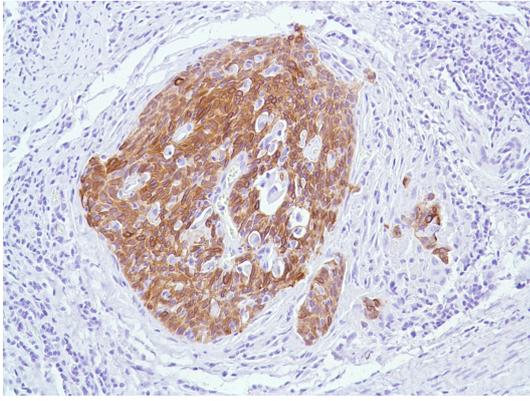
ARG53180 anti-Cytokeratin 14 antibody [SP53] WB image

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



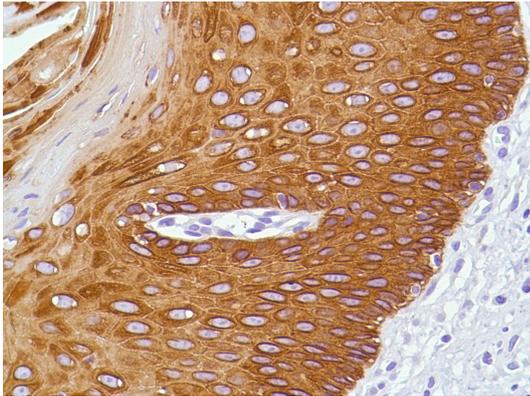
ARG53180 anti-Cytokeratin 14 antibody [SP53] FACS image

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



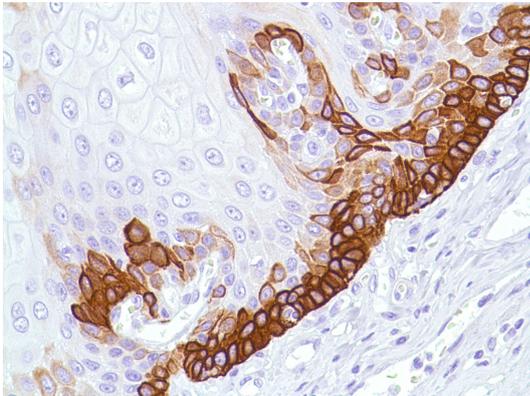
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



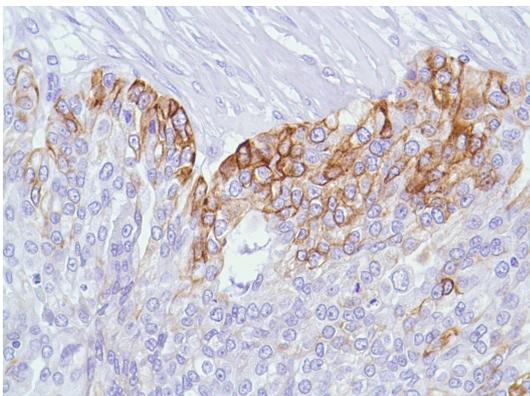
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



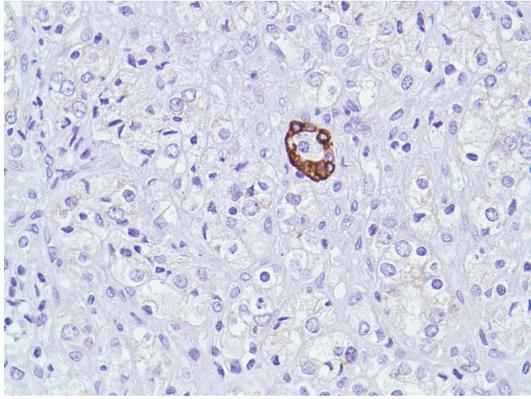
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



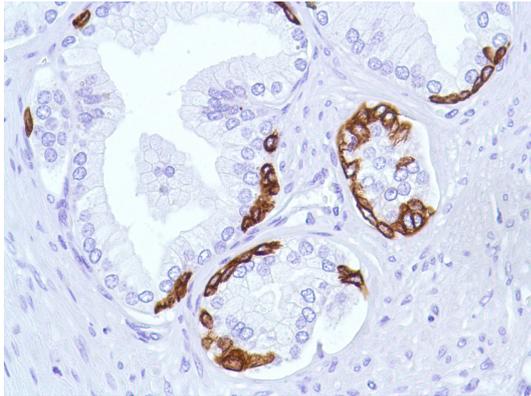
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



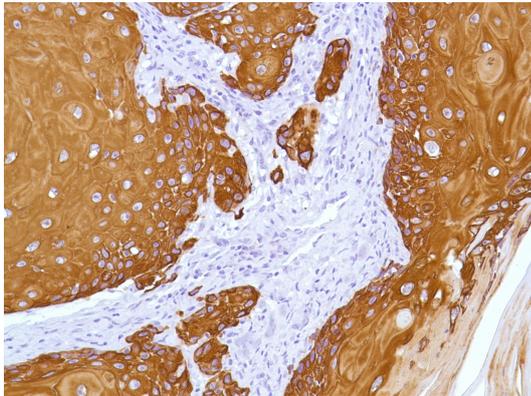
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



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

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



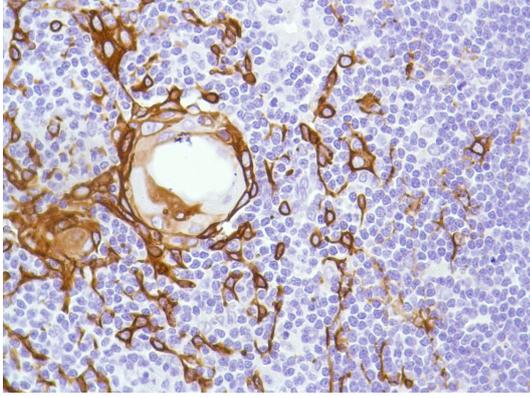
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



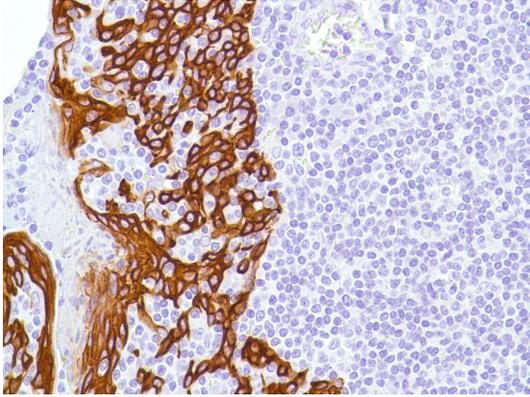
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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



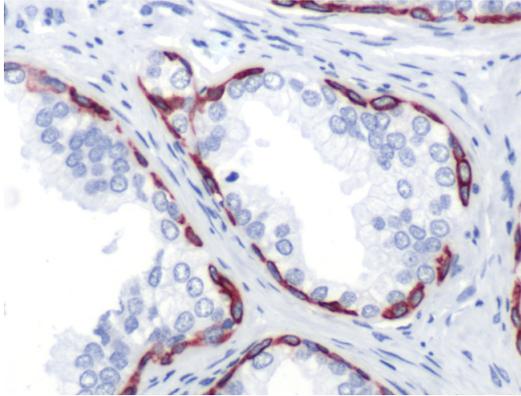
ARG53180 anti-Cytokeratin 14 antibody [SP53] IHC-P image

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].
