

ARG52744
anti-CD3 antibody [SP7]Package: 500 µl, 250 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [SP7] recognizes CD3
Tested Reactivity	Hu, Ms, Pig, Rat
Tested Application	FACS, IHC-P, IHC-Fr, IHC-FoFr , WB
Host	Rabbit
Clonality	Monoclonal
Clone	SP7
Isotype	IgG
Target Name	CD3
Antigen Species	Human
Immunogen	Synthetic peptide corresponding to internal region of the epsilon chain of human CD3 protein.
Conjugation	Un-conjugated
Alternate Names	T-cell surface antigen T3/Leu-4 epsilon chain; T3E; TCRE; T-cell surface glycoprotein CD3 epsilon chain; IMD18; CD antigen CD3e

Application Instructions

Predict Reactivity	Dog												
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>FACS</td><td>Assay-dependent</td></tr><tr><td>IHC-P</td><td>1:150</td></tr><tr><td>IHC-Fr</td><td>Assay-dependent</td></tr><tr><td>IHC-FoFr</td><td>Assay-dependent</td></tr><tr><td>WB</td><td>1:25 - 1:250</td></tr></tbody></table>	Application	Dilution	FACS	Assay-dependent	IHC-P	1:150	IHC-Fr	Assay-dependent	IHC-FoFr	Assay-dependent	WB	1:25 - 1:250
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IHC-P	1:150												
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IHC-FoFr	Assay-dependent												
WB	1:25 - 1:250												
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	Tonsil, Jurkat												
Calculated Mw	20 kDa												

Properties

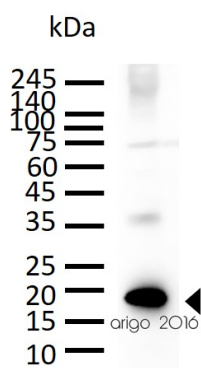
Form	Liquid
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Buffer	Tissue culture supernatant in TBS (pH 7.5), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term 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

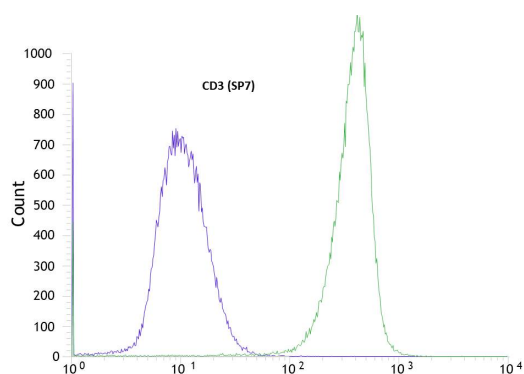
Background	This antibody reacts with the intracytoplasmic portion of the CD3 antigen expressed by T cells. It stains human T cells in both the cortex and medulla of the thymus and in peripheral lymphoid tissues. This antibody is suitable for staining normal and neoplastic T cells in formalin-fixed, paraffin-embedded tissues.
Resrarch Area	Cancer antibody; Developmental Biology antibody; Immune System antibody
Cellular Localization	Membrane

Images



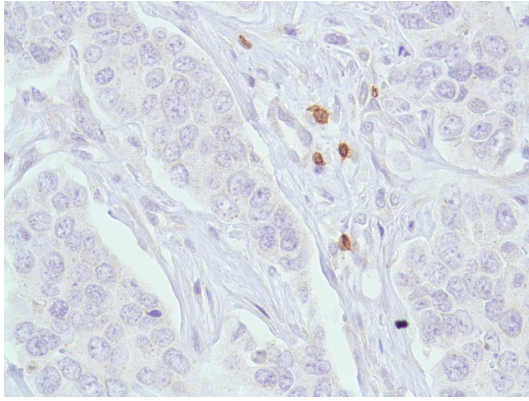
ARG52744 anti-CD3 antibody [SP7] WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG52744 anti-CD3 antibody [SP7] at 1:250 dilution.



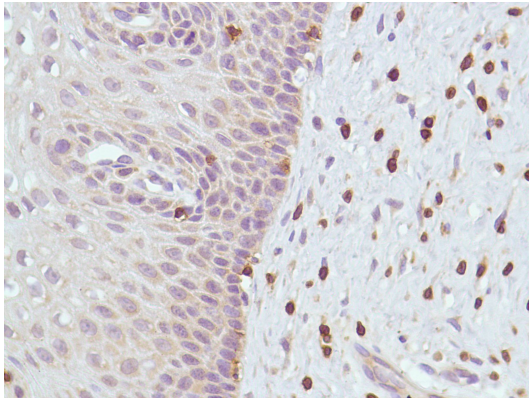
ARG52744 anti-CD3 antibody [SP7] Flow Cytometry image

Flow cytometric: Jurkat cells stained with ARG52744 (green) compare to negative control of rabbit IgG (blue)



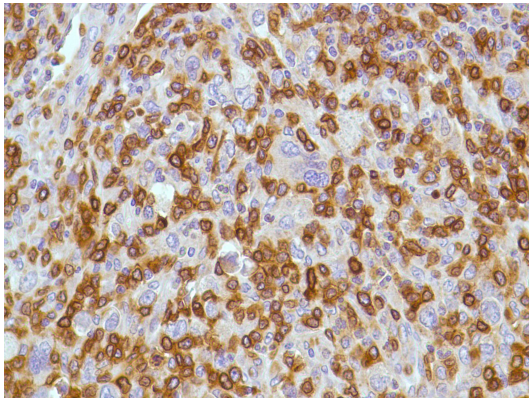
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Breast Ductal Carcinoma stained with CD3 antibody [SP7] (ARG52744)



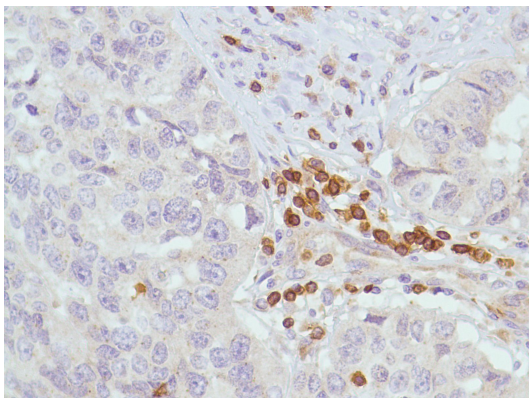
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Cervix stained with CD3 antibody [SP7] (ARG52744)



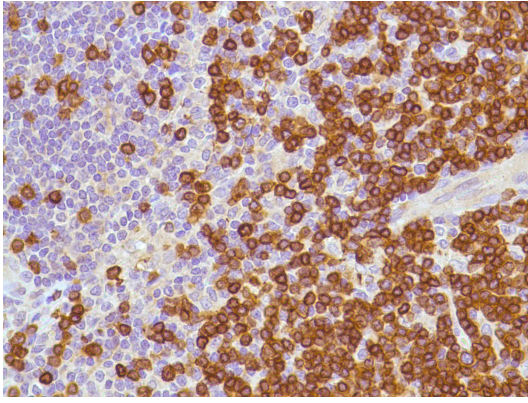
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human HK Lymphoma stained with CD3 antibody [SP7] (ARG52744)



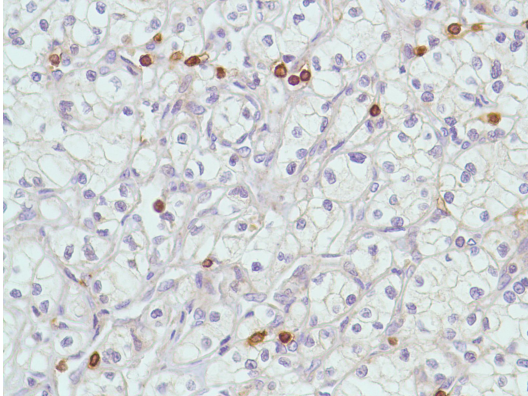
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Lung Squamous Cell Carcinoma stained with CD3 antibody [SP7] (ARG52744)



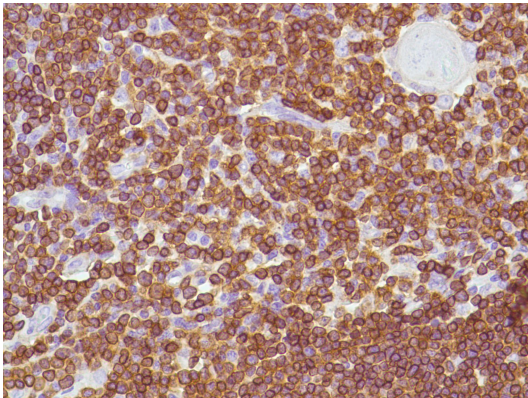
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Reactive Lymph Node stained with CD3 antibody [SP7] (ARG52744)



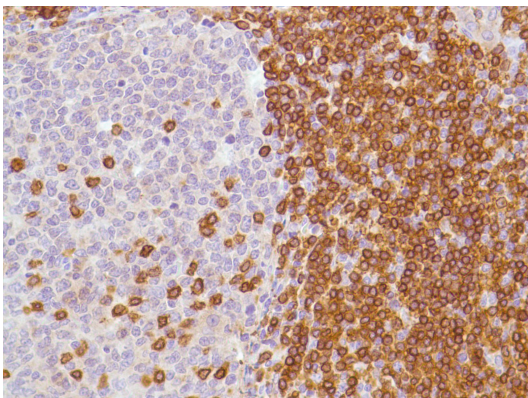
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Renal Cell Carcinoma stained with CD3 antibody [SP7] (ARG52744)



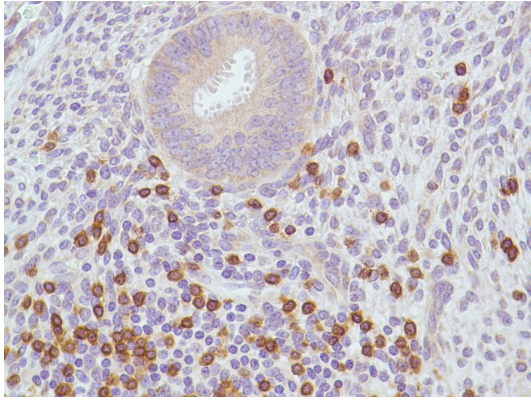
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Thymus stained with CD3 antibody [SP7] (ARG52744)



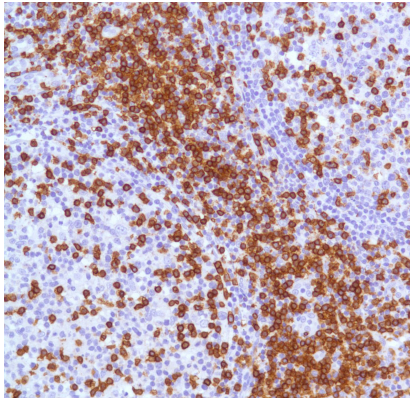
ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Tonsil stained with CD3 antibody [SP7] (ARG52744)



ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Uterus stained with CD3 antibody [SP7] (ARG52744)



ARG52744 anti-CD3 antibody [SP7] IHC-P image

Immunohistochemistry: Human Tonsil stained with CD3 antibody [SP7] (ARG52744)
