

Product Datasheet

Rabbit anti-FOXP3 Recombinant Monoclonal Antibody (orb1519916)

Catalog Number	orb1519916
Category	Antibodies
Description	FOXP3 Antibody
Target	FOXP3
Clonality	Recombinant
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Whole IgG
Concentration	1000 µg/ml
Buffer/Preservatives	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, rAlbumin-Free
Purity	Recombinant antibody was purified from cell culture supernatant
Immunogen	Between 275 and 325
UniProt ID	Q9BZS1
Tested applications	ICC, IF, IHC, IP, WB

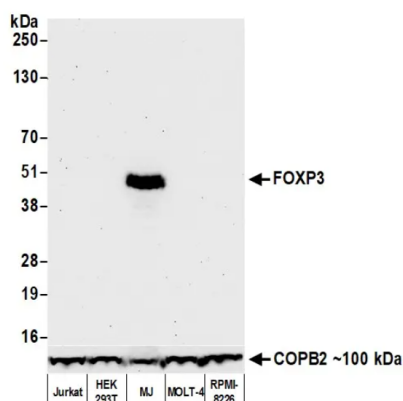
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Dilution range	Immunocytochemistry (ICC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. Immunohistochemistry (IHC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. IHC-IF 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunoprecipitation (IP) 20 µl/mg lysate. Multiplex Immunofluorescence (mIF) 1:250. Western Blot (WB) 1:1000
Application notes	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight
Antibody Type	Primary Antibody
Clone Number	BLR034F
Storage	2 - 8°C
Background	FOXP3 is a transcriptional regulator which is crucial for the development and inhibitory function of regulatory T-cells (Treg). It plays an essential role in maintaining homeostasis of the immune system by allowing the acquisition of full suppressive function and stability of the Treg lineage, and by directly modulating the expansion and function of conventional T-cells. FOXP3 can act either as a transcriptional repressor or a transcriptional activator depending on its interactions with other transcription factors, histone acetylases and deacetylases
Note	For research use only
NCBI	NP_054728.2
Expiration Date	12 months from date of receipt.



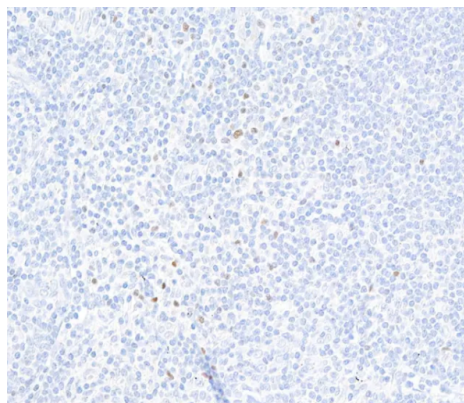
Detection of human FOXP3 by western blot. Samples: Whole cell lysate (50 µg) from Jurkat, HEK293T, MJ, MOLT-4, and RPMI-8226 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXP3 recombinant monoclonal antibody used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody

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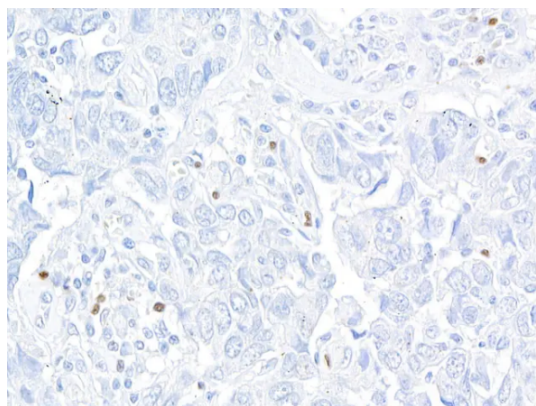
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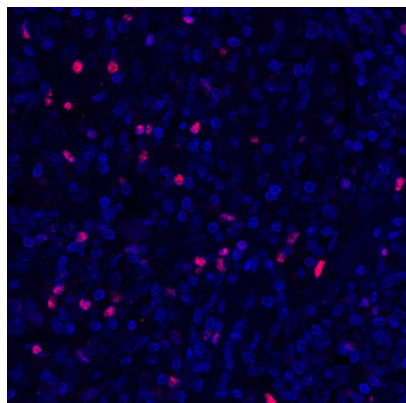
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Detection of human FOXP3 in FFPE tonsil by immunohistochemistry. Antibody: Rabbit anti-FOXP3 recombinant monoclonal antibody. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



Detection of human FOXP3 in FFPE breast carcinoma by immunohistochemistry. Antibody: Rabbit anti-FOXP3 recombinant monoclonal antibody. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB



Detection of human FOXP3 (red) by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Rabbit anti-FOXP3 recombinant monoclonal antibody used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue)

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