

Anti-FOXP3 Antibody (2R607)

Product Details

Ig Type:	mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2R607
Purification:	Protein A

Applications

Verified Activity:	Immunochemical staining of human FOXP3 in human carcinoma of sigmoid with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: center region of the Human FOXP3
Antigen Species:	Human

Research Background

Forkhead box P3 (FOXP3) is a key gene in the immune system which also plays a role in tumor development. The Treg cell lineage-specification factor FOXP3 (forkhead box P3) is essential for Treg cells' ability to uphold immunologic tolerance. Forkhead box protein 3 (FOXP3) is expressed in numerous types of tumor cell and is associated with tumor progression and prognosis. which had been reported that FOXP3 inhibited cellular proliferation and induced apoptosis of gastric cancer (GC) cells by activating the apoptosis signaling pathway. The elevated expression of FOXP3 in blood and urine samples from kidney transplant recipients could be a useful noninvasive biomarker to diagnose graft dysfunction. Forkhead box P3 (FOXP3), an X-linked tumor suppressor gene, plays an important role in breast cancer.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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