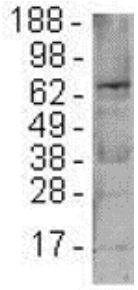
Anti-Human Foxp1 Purified

Catalog Number: 14-9962
For Research Use Only. Not for use in diagnostic procedures.



Immunoblotting of lysates prepared from Jurkat cells with 5 µg/mL Anti-Human Foxp1 Purified. Bands were visualized using Anti-Mouse IgG HRP.

Product Information

Contents: Anti-Human Foxp1 Purified
REF **Catalog Number:** 14-9962
Clone: JC12 (JC-12)
Concentration: 0.5 mg/mL
Host/Isotype: Mouse IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.
LOT **Batch Code:** Refer to Vial
Use By: Refer to Vial
Contains sodium azide

Description

This JC12 monoclonal antibody reacts with human Foxp1, a member of the Forkhead family of winged helix transcription factors. Foxp1 is expressed in nearly every human tissue, including lymphoid (e.g. tonsil, spleen, and thymus), epithelium, kidney, blood, and motor neurons. Altered Foxp1 expression has been observed in, among others, cancers of the breast, lung, colon, prostate, and pancreas. Moreover, patients with diffuse large B cell lymphomas express high levels of Foxp1, which can be utilized as a prognostic marker for survival. Finally, Foxp1 has been reported to be involved in early B cell development (i.e. pro-B cell to pre-B cell transition) and motor neuron specification and connectivity.

Applications Reported

This JC12 antibody has been reported for use in immunoblotting (WB), and immunohistology staining of paraffin embedded tissue sections.

Applications Tested

This JC12 antibody has been tested by western blot analysis on cell lysates prepared from Jurkat cells. This antibody can be used at 1-5 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Banham AH, Connors JM, Brown PJ, Cordell JL, Ott G, Sreenivasan G, Farinha P, Horsman DE, Gascoyne RD. Expression of the FOXP1 transcription factor is strongly associated with inferior survival in patients with diffuse large B-cell lymphoma. Clin Cancer Res. 2005 Feb 1;11(3):1065-72.

Banham AH, Beasley N, Campo E, Fernandez PL, Fidler C, Gatter K, Jones M, Mason DY, Prime JE, Trougouboff P, Wood K, Cordell JL. The FOXP1 winged helix transcription factor is a novel candidate tumor suppressor gene on chromosome 3p. Cancer Res. 2001 Dec 15;61(24):8820-9. (**JC12**, WB, IHC, Pubmed)

Related Products

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)

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