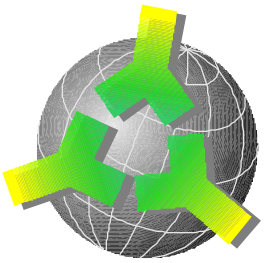
a n t i - N F A T c 1

affinity purified rabbit antibody IG 205

Lot: 364 **Data Sheet: 20080520**



immunoGlobe
Antikörpertechnik GmbH

Antibody preparation and storage

50 µg of antibody (500 µg/ml in PBS, containing 1 mg/ml BSA and 0.02% [w/v] NaN_3) affinity purified on the antigen (GST fusion protein). The antibody has been depleted for anti-GST antibodies several times, but may contain some residual anti-GST activity. For repeated use store at 4°C (short term), stable for one year from date of shipment when stored at -20°C.

Antigen

Recombinant N-terminal human NFATc1 fragment expressed as GST fusion protein.

Species cross-reactivity

human, (mouse), others not tested

Specificity

Recognizes all known NFATc1 isoforms.

Applications

Western (immuno) blotting (dilution 1:500-1:1000). Immunoprecipitation (dilution 1:200). ChIP (dilution 1:200); tested with human and mouse lymphoid tissues. Band shift assay: Competes with probe for NFAT binding.

All dilutions refer to the analysis of cells and tissues with intermediate to high levels of NFATc1 expression and must be viewed as approximate. The antibody should be titrated for each individual application.

References

(*: papers referencing the antibody IG 205)

*[1] Glazova et al. (2005). Pim-1 kinase enhances NFATc activity and neuroendocrine functions in PC12 cells. *Molecular Brain Research*, **138**: 116-123.

*[2] Klein et al. (2006). Specific and redundant roles for NFAT transcription factors in the expression of mast cell-derived cytokines. *The Journal of Immunology*, **177**: 6667-6674.

*[3] Akimzhanov et al. (2008). Epigenetic changes and suppression of the nuclear factor of activated T cell 1 (NFATC1) promoter in human lymphomas with defects in immunoreceptor signaling. *American Journal of Pathology*, **172**: 215-224.

i m m u n o G l o b e A n t i k ö r p e r t e c h n i k G m b H
Rudolf-Diesel-Str. 8A • D-97267 Himmelstadt • Phone: (+49) 9364-81061-0 / FAX: -3
internet: http://immunoGlobe.com • e-mail: info@immunoGlobe.com