

bs-5516R**[Primary Antibody]****phospho-NFATc2 (Ser330) Rabbit pAb****Bioss**
ANTIBODIES

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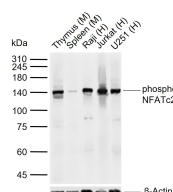
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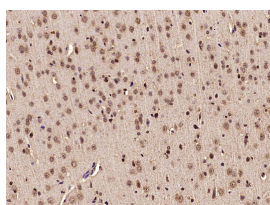
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 4773**SWISS:** Q13469**Target:** NFATc2 (Ser330)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human NFATc2 around the phosphorylation site of Ser330: DP(p-S)PV.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

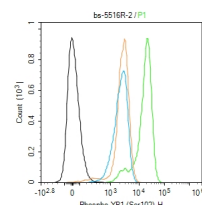
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Apr 2012]**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1ug/Test)**Reactivity:** Human, Mouse, Rat
(predicted: Pig, Cow, Dog, Horse)**Predicted MW.:** 100 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Thymus tissue lysates
 Lane 2: Mouse Spleen tissue lysates Lane 3:
 Human Raji cell lysates Lane 4: Human Jurkat
 cell lysates Lane 5: Human U251 cell lysates
 Primary: Anti-phospho-NFATc2 (Ser330)
 (bs-5516R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 100 kDa Observed
 band size: 140 kDa



Paraformaldehyde-fixed, paraffin embedded
 (Rat brain); Antigen retrieval by microwave in
 sodium citrate buffer (pH6.0); Block
 endogenous peroxidase by 3% hydrogen
 peroxide for 30 minutes; Blocking buffer (3%
 BSA) at RT for 30min; Antibody incubation with
 (phospho-NFATc2(Ser330)) Polyclonal Antibody,
 Unconjugated (bs-5516R) at 1:400 overnight at
 4°C, followed by conjugation to the secondary
 antibody (labeled with HRP) and DAB staining.



Blank control (black line) :Molt4. Primary
 Antibody (green line): Rabbit Anti-phospho-
 NFATc2 (Ser330) antibody (bs-5516R)
 Dilution:1ug/Test; Secondary Antibody (white
 blue line) : Goat anti-rabbit IgG-AF488 Dilution:
 0.5ug/Test. Isotype control (orange line) :
 Normal Rabbit IgG Protocol The cells were fixed
 with 4% PFA (10min at room temperature) and
 then permeabilized with 90% ice-cold methanol
 for 20 min at -20°C. The cells were then
 incubated in 5%BSA to block non-specific
 protein-protein interactions for 30 min at room
 temperature .Cells stained with Primary
 Antibody for 30 min at room temperature. The
 secondary antibody used for 40 min at room
 temperature. Acquisition of 20,000 events was
 performed.