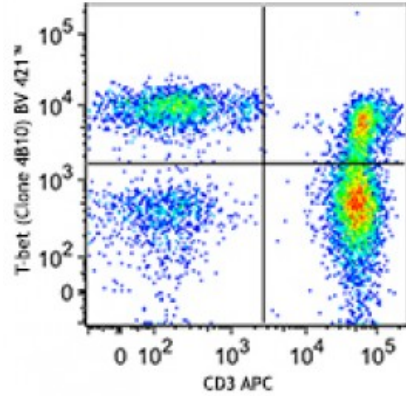


**True-Nuclear™ Transcription Factor Buffer Set**

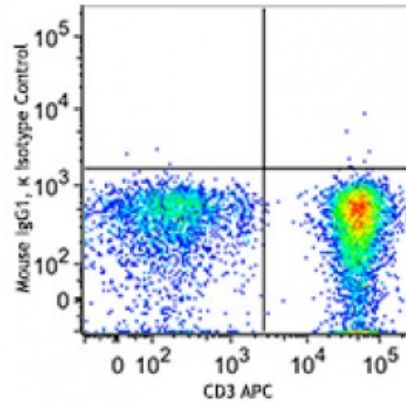
**Catalog # / Size:** 2722005 / 120 tests  
**Immunogen:** Human Syk peptide aa 314-339  
**Preparation:** The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).  
**Concentration:** Lot-specific



Human peripheral blood lymphocytes were surface stained with CD3 APC and then treated with True-Nuclear™ Transcription Factor Buffer Set. Cells were then stained with T-bet (clone 4B10) Brilliant Violet 421™ (top) or mouse IgG1, κ Brill

**Applications:**

**Applications:** Flow Cytometry  
**Recommended Usage:** Prepare fresh Transcription Factor Fix working solution by diluting the 4X Fix Concentrate (1 part) with the Fix Diluent (3 parts). 1 mL of the 1X Fix working solution is needed for each tube.  
 Prepare a 1X working solution of the Perm Buffer by diluting the 10X Perm Buffer with distilled water. 6.5 mL of 1X Perm Buffer is needed for each sample of tube.



NOTE: The 10X Perm Buffer may have crystallization or precipitation when it is stored at 2-8°C; however, this is normal and does not affect the buffer's performance. If there is a heavy precipitation observed after dilution to 1X working solution, it can be filtered to clarify the solution.

**Application Notes: Buffer Set Contents:**

- True-Nuclear™ 4X Fix Concentrate (30 mL)
- True-Nuclear™ Fix Diluent (100 mL)

- True-Nuclear™ 10X Perm Buffer  
(100 mL)

**Application** 1. Van Oers, *et al.* 1995. *J. Exp. Med.* 182:1585  
**References:** 2. Chu DH, *et al.* 1999. *J. Immunol.* 163:2610.

---

**Description:** 's True-Nuclear™ Transcription Factor Buffer Set has been specially formulated for intracellular staining with minimum effect on the surface fluorochrome staining.

**Antigen** 1. Taniguchi T, *et al.* 1991. *J. Biol. Chem.* 266:15790.  
**References:** 2. Toyabe SL, *et al.* 2001. *Immunology* 103:164.