

Product Data Sheet

Biotin anti-human TCR α/β

Catalog # / Size: 306703 / 25 μ g
 306704 / 100 μ g

Clone: IP26

Isotype: Mouse IgG1, κ

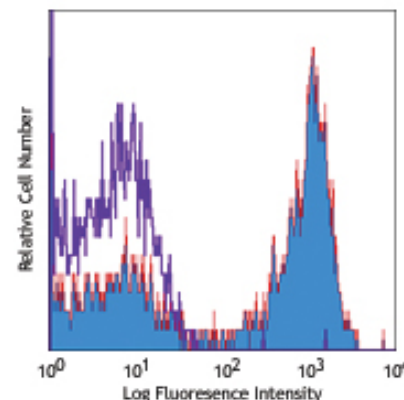
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. **Do not freeze.**



Human peripheral blood lymphocytes stained with biotinylated IP26, followed by Sav-PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $\leq 0.5 \mu$ g per 10^6 cells in 100 μ l volume or 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: T cell activation. When co-staining with anti-CD3, we recommend using clone UCHT1, since we have confirmed that IP26 does not compete with this clone. Other anti-CD3 clones may compete out the binding of IP26.

Application References: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York. (FC)
 2. Joseph A, *et al.* 2008. *J. Virol.* 82:3078. (FC) PubMed

Description: The IP26 antibody reacts with a monomorphic determinant of the α/β T-cell receptor, which is expressed on greater than 95% of normal peripheral blood CD3+ T cells. The α/β TCR recognizes a peptide bound to MHC leading to T-cell activation.

Antigen References: 1. Marchalonis J, *et al.* 2002. *J. Mol. Recognit.* 15:260.

Related Products:

Product	Clone	Application
Biotin anti-human CD3	HIT3a	FC
Biotin anti-human CD3	UCHT1	FC
Biotin Mouse IgG1, κ Isotype Ctrl	MOPC-21	FC, ICFC
APC Streptavidin		FC, ICFC
APC/Cy7 Streptavidin		FC, ICFC
FITC Streptavidin		FC, ICFC
PE Streptavidin		FC, ICFC
PE/Cy5 Streptavidin		FC, ICFC
PE/Cy7 Streptavidin		FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
Biotin anti-human TCR γ/δ	11F2	FC
Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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