

# CD4 Monoclonal Antibody (N1UG0), eFluor 570, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Human
Host/Isotope	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), eFluor 570, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	N1UG0
Conjugate	eFluor® 570
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2573601

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	20 µg/mL	
Immunofluorescence (IF)	✓	20 µg/mL	
Immunohistochemistry (Paraffin) (IHC (P))	✓	20 µg/mL	

## Product Specific Information

**Description:** The N1UG0 monoclonal antibody reacts with human CD4, a 59 kDa cell surface glycoprotein expressed by the majority of thymocytes, a subpopulation of mature T cells (T-helper cells) and in low levels on monocytes. CD4 is a receptor for the human immunodeficiency virus (HIV). The N1UG0 antibody is recommended for use in staining human formalin-fixed paraffin embedded tissue sections.

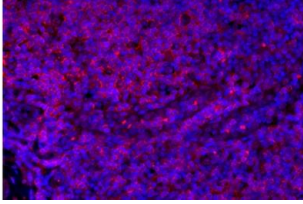
**Applications Reported:** This N1UG0 antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded tissue sections.

**Applications Tested:** This N1UG0 antibody has been tested by immunohistochemistry of formalin-fixed paraffin embedded human tissue using low or high pH antigen retrieval at less than or equal to 20 µg/mL. It is recommended that the antibody be titrated for optimal performance in the assay of interest.

**Filter Recommendation:** When using this eFluor® 570 antibody conjugate, we recommend a filter that will capture the 570 emission wavelength (for example, Excitation 545/25, 565LP, Emission 605/70). A standard Alexa Fluor® 555 or TRITC filter is acceptable.

Excitation: 555 nm; Emission: 570 nm

## Product Images For CD4 Monoclonal Antibody (N1UG0), eFluor 570, eBioscience™



### CD4 Antibody (41-2444-80) in IF

Immunohistochemistry of formalin-fixed paraffin embedded human tonsil using 20 µg /mL of Anti-Human CD4 eFluor® 570. Nuclei are stained with DAPI.

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