

# Product Datasheet

## Goat anti-Human Kappa Light Chain Secondary Antibody NB7463

Unit Size: 1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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**NB7463****Goat anti-Human Kappa Light Chain Secondary Antibody**

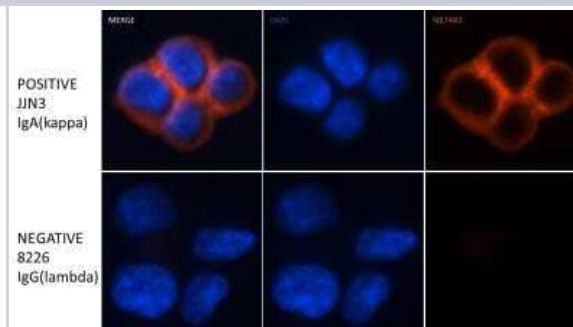
Product Information	
Unit Size	1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Phosphate Buffered Saline (PBS)

Product Description	
Host	Goat
Gene ID	3514
Gene Symbol	IGKC
Species	Human
Specificity/Sensitivity	By immunoelectrophoresis and ELISA this reacts specifically with kappa light chains common to all human immunoglobulins. No was detected against lambda light chain or non-immunoglobulin serum proteins.
Immunogen	Human Kappa Light Chain

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:30000, ELISA 1:1000 - 1:30000, Immunohistochemistry 1:200- 1:2000, Immunocytochemistry/ Immunofluorescence 1:200- 1:2000, Immunohistochemistry-Paraffin 1:200- 1:2000
Application Notes	ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500

**Images**

Immunocytochemistry/Immunofluorescence: Goat anti-Human Kappa Light Chain Secondary Antibody [NB7463] - JJN3 and 8226 Human myeloma cells stained with NB7463. Cells fixed in 4%PFA 10min, wash PBS X 3. Permeabilized 0.5% Triton X-100 5min; wash PBS X 3. Block 10% donkey serum 1hr. 1:10,000 NB7463 O/N at 4C; wash PBS X 3 and 1:2000 donkey F(ab')<sub>2</sub> Alexa Fluor Cy3 anti-goat IgG (H+L) 1 hour at room temp; wash PBS X 3. Olympus/BIOVIEW Cy3 filter 300ms exposure. Image form verified customer review.



## Publications

Luo G, Yogeshwar S, Lin L Et al. T cell reactivity to regulatory factor X4 in type 1 narcolepsy Sci Rep 2021-04-10 [PMID: 33837283]

Details:

Citation using the HRP version of this antibody.

Smith B, Kiessling A, Lledo-Garcia R et al. Generation and characterization of a high affinity anti-human FcRn antibody, rozanolixizumab, and the effects of different molecular formats on the reduction of plasma IgG concentration MAb 2018-08-22 [PMID: 30130439]

Kiessling P, Lledo-Garcia R, Watanabe S et al. The FcRn inhibitor rozanolixizumab reduces human serum IgG concentration: A randomized phase 1 study Sci Transl Med 2017-11-03 [PMID: 29093180]

Wang G, Ujiie H, Shibaki A et al. Blockade of autoantibody-initiated tissue damage by using recombinant fab antibody fragments against pathogenic autoantigen. Am J Pathol. [PMID: 20042683]

Details:

Citation using the HRP form of this antibody.

Suzuki N, Aoki D, Tamada Y et al. HMOCC-1, a human monoclonal antibody that inhibits adhesion of ovarian cancer cells to human mesothelial cells. Gynecol Oncol . [PMID: 15491748]

Details:

Citation using the HRP form of this antibody.

Mukherjee J, Chios K, Fishwild D et al. Production and characterization of protective human antibodies against Shiga toxin 1. Infect Immun. [PMID: 12228326]

Details:

Citation using the HRP form of this antibody.

Mukherjee J, Chios K, Fishwild D et al. Human Stx2-specific monoclonal antibodies prevent systemic complications of Escherichia coli O157:H7 infection. Infect Immun. [PMID: 11796590]

Details:

Citation using the HRP form of this antibody.

Tomokiyo K, Teshima K, Nakatomi Y et al. Induction of acquired factor IX inhibitors in cynomolgus monkey (Macaca fascicularis): a new primate model of hemophilia B. Thromb Res. [PMID: 11369429]

Details:

Citation using the HRP form of this antibody.

Richards FM, Tape CJ, Jodrell DI et al. Anti-tumour effects of a specific anti-ADAM17 antibody in an ovarian cancer model in vivo. PLoS One. 2012-01-01 [PMID: 22792380]

Details:

Citation using the HRP form of this antibody.





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### **Products Related to NB7463**

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H00003514-P01-10ug	Recombinant Human Kappa Light Chain GST (N-Term) Protein
NB100-1028	AIF-1/Iba1 Antibody
NBP2-34258-0.1mg	Kappa Light Chain Antibody (HP6053 + L1C1)
243-B3-002	TGF-beta 3 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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