Product Datasheet

Common gamma Chain/IL-2 R gamma Antibody (3E12) - Chimeric - Azide and BSA Free
NBP3-12038-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 4/19/2023 v.20.1

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Product Information

Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	3E12
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description

Host	Rabbit
Gene ID	3561
Gene Symbol	IL2RG
Species	Mouse
Specificity/Sensitivity	This conformation-dependent antibody binds to the murine common gamma-chain, shared by the IL-2, IL-4, IL-7, IL-9, IL-15, and IL-21 receptor complexes. It recognises an epitope located in a membrane-proximal portion of the common gamma-chain, near Arg-197 of domain 2.
Immunogen	This antibody was raised by immunising Lewis rats with transfected rat myeloma cell line YB2/0, expressing murine cytoplasmic-tailless IL-2R common gamma-chain (YB2/0-myt).

Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Images

Immunocytochemistry/Immunofluorescence: Common gamma Chain/IL-2 R gamma Antibody (3E12) - Chimeric [NBP3-12038] - Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 3E12 (NBP3-12038) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12038, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.
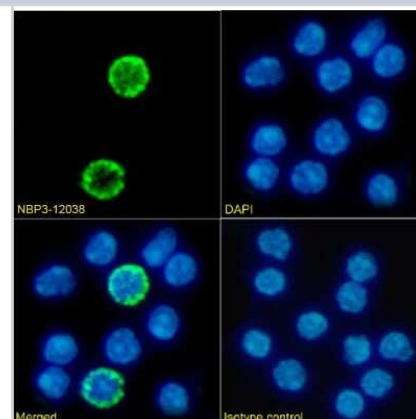
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Products Related to NBP3-12038-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
6507-IL-010/CF	IL-4 [Unconjugated]
384-RG-050	Common gamma Chain/IL-2 R gamma [Unconjugated]

Limitations

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

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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