

Product Datasheet

B-Phycoerythrin Antibody - Azide and BSA Free NB120-7011

Unit Size: 1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB120-7011

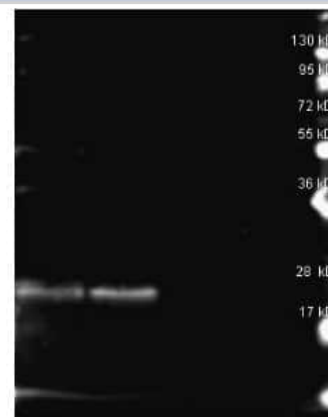
B-Phycoerythrin Antibody - Azide and BSA Free

Product Information	
Unit Size	1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	Serum
Purity	Delipidation and Defibrination
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified B-Phycoerythrin [Porphyridium cruentum] Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Species	All Species
Reactivity Notes	Cross reactivity against B-Phycoerythrin from other sources is unknown
Immunogen	B-Phycoerythrin [Porphyridium cruentum] (Uniprot: P11392)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, ELISA 1:20000-1:100000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:1000-1:5000, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	This product has been tested by western blot and is suitable for dot blot, ELISA, immunoprecipitation and most immunological methods requiring high titer and specificity.



Images

Western Blot: B-Phycoerythrin Antibody - Azide Free [NB120-7011] - Lane 1: B-Phycoerythrin reduced. Lane 2: B-Phycoerythrin reduced. Lane 3: none. Load: 1ug per lane. Primary antibody: Beta -Phycoerythrin antibody at 1:1000 for overnight at 4C. Secondary antibody: Dylight 649 conjugated Donkey anti rabbit secondary antibody at 1:10,000 for 1.5 hrs at RT. Block: incubated with blocking buffer for Gli-2. Other band(s): none.



Publications

Tan HX, Juno JA, Esterbauer R et al. Lung-resident memory B cells established after pulmonary influenza infection display distinct transcriptional and phenotypic profiles *Science immunology* 2022-01-28 [PMID: 35089815] (IF/IHC)

Ning J, Gavil NV, Wu S et al. Functional virus-specific memory T cells survey glioblastoma *Cancer immunology, immunotherapy* : CII 2022-01-10 [PMID: 35001153]

Spencer DA, Quiniou SMA, Crider J et al. Insights into the dynamics of memory, effector and apoptotic cytotoxic T lymphocytes in channel catfish, *Ictalurus punctatus* *Dev. Comp. Immunol.* 2019-03-01 [PMID: 30447233]

Mahmud SA, Manlove LS, Schmitz HM et al. Costimulation via the tumor-necrosis factor receptor superfamily couples TCR signal strength to the thymic differentiation of regulatory T cells. *Nat Immunol.* [PMID: 24633226] (IHC-Fr)

Details:

Citation using the Azide Free form of this antibody.

Schenkel JM, Fraser KA, Vezys V, Masopust D. Sensing and alarm function of resident memory CD8+ T cells. *Nat Immunol.* [PMID: 23542740] (IHC-Fr, ICC/IF)

Details:

Citation using the Azide Free form of this antibody.



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Products Related to NB120-7011

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

Limitations

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