

Product Datasheet

Cytochrome c Antibody (7H8.2C12) [PE] NB100-56503PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NB100-56503PE

Cytochrome c Antibody (7H8.2C12) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	7H8.2C12
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	PE
Purity	Protein G purified
Buffer	PBS

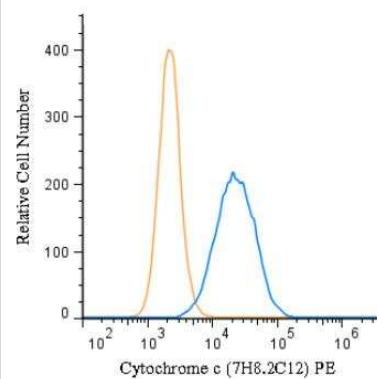
Product Description	
Host	Mouse
Gene ID	54205
Gene Symbol	CYCS
Species	Human, Mouse, Rat, Drosophila, Rabbit
Marker	Mitochondria Marker
Specificity/Sensitivity	This antibody recognizes total cytochrome C which includes both apocytochrome (i.e. cytochrome in the cytosol without heme attached) and holocytochrome (i.e. cytochrome in the mitochondria with heme attached).
Immunogen	Synthetic peptides corresponding to amino acids 1-80, 81-104 and 66-104 of pigeon CYT were used as the immunogen (Jemmerson et al. 1991). The antibody recognizes an epitope within amino acids 93-104 of pigeon cytochrome C based on competitive ELISA results (Jemmerson et al. 1991).
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoblotting, Flow (Cell Surface), Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Flow (Intracellular): Cytochrome c Antibody (7H8.2C12) [PE] [NB100-56503PE] - An intracellular stain was performed on HeLa cells with Cytochrome c (7H8.2C12) antibody NB100-56503PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin.



Publications

Gascon S, Jimenez-Moreno N, Jimenez S et al. Nutraceutical composition of three pine bark extracts and their antiproliferative effect on Caco-2 cells. Journal of Functional Foods 2018-09-01 (FLOW, Human)



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Products Related to NB100-56503PE

NBP1-43317PE	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [PE]
NB100-55775	Cytochrome c Antibody (7H8.2C12) [Biotin]
210-TA-005	TNF-alpha [Unconjugated]
MCTC0	Cytochrome c [HRP]

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.

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