

Product Datasheet

CEA Antibody (PARLAM 4) - BSA Free NBP1-97718

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-97718

CEA Antibody (PARLAM 4) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PARLAM 4
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS, pH 7.2
Product Description	
Description	The antibody is shipped at ambient temperature and may be stored at 4C. For prolonged storage prepare appropriate aliquots and store at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.
Host	Mouse
Species	Human
Specificity/Sensitivity	Most polyclonal CEA antisera show cross-reactivity with related antigens such as biliary glycoprotein (BGP) and non-specific cross-reacting antigen 1/11 (NCA). This antibody does not show cross reactivity, neither with BGP nor with NCA. In immunoblotting the antibody recognizes a single band of 180 kD.
Immunogen	This antibody is a mouse monoclonal IgG1 antibody derived by fusion of Sp 2/0 Ag 14 Mouse myeloma cells with spleen cells from a BABL/c Mouse immunized with isolated Human CEA. The immunogen has been isolated from Human colonic carcinoma cells.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:500, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:25-1:100, Immunohistochemistry-Frozen 1:25-1:100, CyTOF-ready



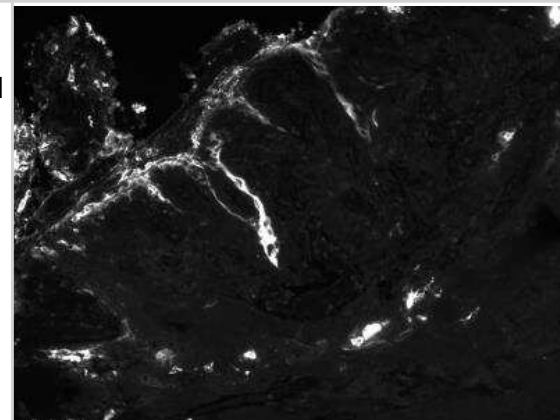
Application Notes

This antibody is suitable for flow cytometry, immunoblotting, immunocytochemistry on methanol fixed cells and immunohistochemistry on frozen tissues when using a PBS buffer containing 0.1 mM CaCl₂ and 0.1 mM MgCl₂. The antibody is also reactive in formalin-fixed and paraffin-embedded tissue sections after treatment with citrate buffer pH 6.0 in an autoclave. Human colon carcinoma tissue is used as positive control. Optimal antibody dilution should be determined by titration; we recommend a 1:25 - 1:100 dilution for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:500 for immunoblotting application.

This antibody is CyTOF ready.

Images

Immunohistochemistry-Paraffin: CEA Antibody (PARLAM 4) [NBP1-97718] - Human head and neck squamous cell carcinoma section. Antigen retrieval at pH 9. CEA antibody at 1:100. IHC-P image submitted by a verified customer review.





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Products Related to NBP1-97718

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-97718PE	CEA Antibody (PARLAM 4) [PE]

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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