

# Product Datasheet

## CD3 epsilon Antibody (145-2C11) - Chimeric - Azide and BSA Free NBP2-52641-0.2mg

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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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP2-52641-0.2mg**

CD3 epsilon Antibody (145-2C11) - Chimeric - Azide and BSA Free

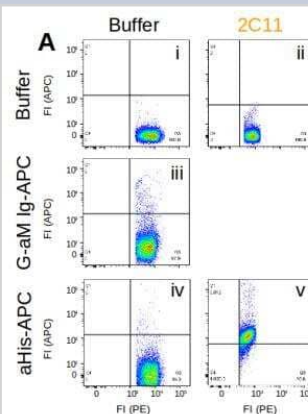
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	145-2C11
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	916
Gene Symbol	CD3E
Species	Mouse
Reactivity Notes	Rat
Specificity/Sensitivity	Recognises a 25-kDa protein component (CD3e, originally called T3-e) of the antigen-specific T-cell receptor.
Immunogen	H-2Kb-specific murine cytotoxic T-lymphocyte (CTL) clone.

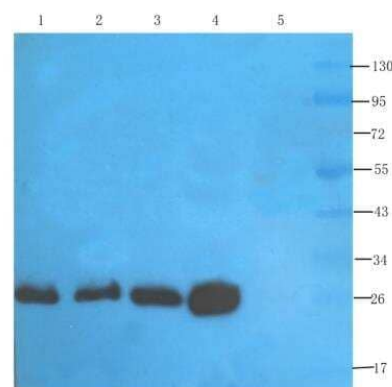
Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, Immunoprecipitation 1:10 - 1:500, Functional, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Images**

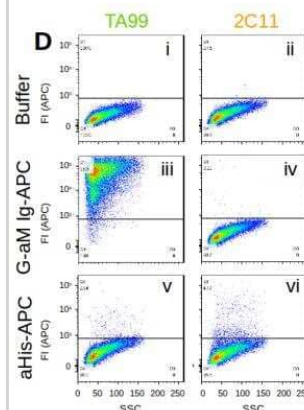
Flow Cytometry: CD3 epsilon Antibody (145-2C11) - Chimeric [NBP2-52641] - CD3 epsilon Antibody (145-2C11) [NBP2-52641] - Analysis using anti-CD3 epsilon and TRP1 antibodies. Mouse splenocytes.



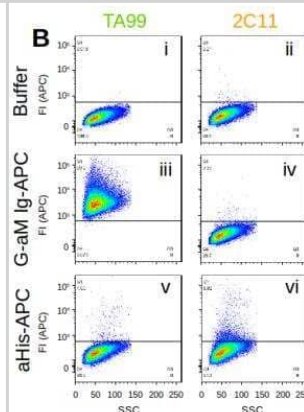
Western Blot: CD3 epsilon Antibody (145-2C11) [NBP2-52641] - Rat lymph node (lane 1), rat rectum (lane 2), rat spleen (lane 3), mouse lung (lane 4) and mouse pancreas (lane 5) samples were resolved on a 12% SDS PAGE gel and blots probed with Anti-CD3 epsilon-1.4 at 1.5 ug/ml before being detected by a secondary antibody. The expected band size (26 kDa) is seen for both rat and mouse samples.



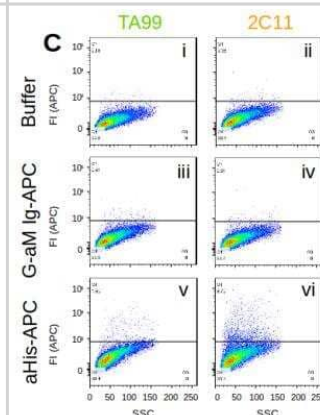
Flow Cytometry: CD3 epsilon Antibody (145-2C11) [NBP2-52641] - Analysis using anti-CD3 epsilon and TRP1 antibodies. KPC3 cells transfected with the Trp1 gene.



Flow Cytometry: CD3 epsilon Antibody (145-2C11) [NBP2-52641] - Analysis using anti-CD3 epsilon and TRP1 antibodies. B16F10 murine melanoma cells.



Flow Cytometry: CD3 epsilon Antibody (145-2C11) [NBP2-52641] - Analysis using anti-CD3 epsilon and TRP1 antibodies. KPC3 pancreas carcinoma cells.



## Publications

Oweida AJ, Mueller AC, Piper M et al. Response to radiotherapy in pancreatic ductal adenocarcinoma is enhanced by inhibition of myeloid-derived suppressor cells using STAT3 anti-sense oligonucleotide *Cancer Immunol Immunother* 2020-10-23 [PMID: 33097963]



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### Products Related to NBP2-52641-0.2mg

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [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. Primary Antibodies are guaranteed for 1 year from date of receipt.

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