

# Product Datasheet

## CD3 epsilon Antibody (145-2C11) NBP2-30151

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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**NBP2-30151**

CD3 epsilon Antibody (145-2C11)

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	145-2C11
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS, 0.05% BSA

Product Description	
Host	Armenian Hamster
Gene ID	916
Gene Symbol	CD3E
Species	Mouse
Reactivity Notes	Mouse.
Specificity/Sensitivity	Binds to lymphocytes from all mouse strains tested and does not react with cells from rats, rabbits, miniature swine, or hamsters. Binds to the CD3 epsilon -chain present on T-lymphocytes and thymocytes. Its binding has been characterized with respect to several other monoclonal anti-CD3 antibodies.
Immunogen	H-2Kb specific cytotoxic T lymphocyte clone BM10-37

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 0.5 - 2 ug/2x10 <sup>6</sup> cells, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 27246324).

**Publications**

Lennon, S;Oweida, A;Milner, D;Phan, AV;Bhatia, S;Van Court, B;Darragh, L;Mueller, AC;Raben, D;Martinez-Torrecedrada, JL;Pitts, TM;Somerset, H;Jordan, KR;Hansen, KC;Williams, J;Messersmith, WA;Schulick, RD;Owens, P;Goodman, KA;Karam, SD; Pancreatic Tumor Microenvironment Modulation by EphB4-ephrinB2 Inhibition and Radiation Combination Clin. Cancer Res. 2019-04-03 [PMID: 30944125] (FLOW, Human)

Oweida A, Hararah M, Phan AV et al. Resistance to radiotherapy and PD-L1 blockade is mediated by TIM-3 upregulation and regulatory T-cell infiltration Clin. Cancer Res. 2018-07-24 [PMID: 30042205] (FLOW, Mouse)

Mayo L, Cunha AP, Madi A et al. IL-10-dependent Tr1 cells attenuate astrocyte activation and ameliorate chronic central nervous system inflammation. Brain. 2016-07-01 [PMID: 27246324] (ICC/IF, Mouse)

**Details:**

This citation used the DyLight 755 version of this antibody.





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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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