

Product Datasheet

14-3-3 zeta Antibody (2E11) NBP2-27179

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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NBP2-27179

14-3-3 zeta Antibody (2E11)

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	2E11
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	0.2 ml PBS and 0.05% BSA

Product Description	
Host	Mouse
Gene ID	7534
Gene Symbol	YWHAZ
Species	Human, Mouse, Rat
Reactivity Notes	The 14-3-3 zeta amino acid sequence used as immunogen is reactive in human, mouse, and rat. It is predicted to detect bovine, chicken, feline, porcine, most primates based on homology. In human, the immunogen shares 79% with the 14-3-3 alpha/beta protein.
Immunogen	Within the range of amino acids 222-259 of human 14-3-3 zeta were used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-3ug/ml~, Immunohistochemistry, Immunohistochemistry-Paraffin 5ug/ml

Publications

Chauhan SS, Kaur J, Kumar M et al. Prediction of recurrence-free survival using a protein expression-based risk classifier for head and neck cancer *Oncogenesis* 2015-04-21 [PMID: 25893634] (IHC-P, Human)

Kaur J, Matta A, Kak I et al. S100A7 overexpression is a predictive marker for high risk of malignant transformation in oral dysplasia. *Int. J. Cancer*. 2014-03-15 [PMID: 24122701] (IHC-P, Human)

Details:

Oral lesions, Fig 1, Table 2. 14-3-3 zeta was detected in both the cytoplasm and nucleus.

Chaker S, Kashat L, Voisin S et al. Secretome proteins as candidate biomarkers for aggressive thyroid carcinomas. *Proteomics*. 2013-03-01 [PMID: 23319340]

Details:

The following antibodies cited were used for western blot and IHC:(p) IMG-6664 in thyroid carcinoma and benign thyroid cells. (See Figs 2 and 3).



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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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