

# Product Datasheet

## AKAP13 Antibody (5B7) - Azide and BSA Free H00011214-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00011214-M01**

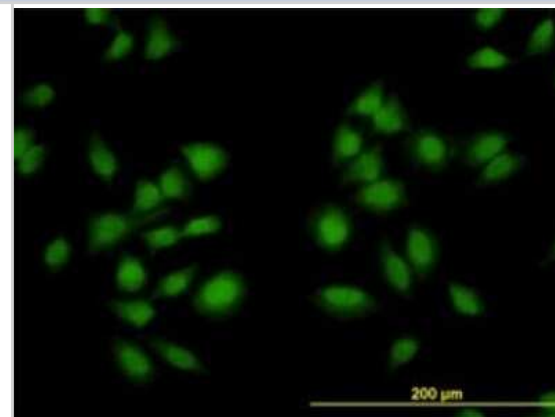
AKAP13 Antibody (5B7) - Azide and BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 5B7   |
| Preservative                | No Preservative   |
| Isotype                     | IgG2a Kappa   |
| Purity                      | IgG purified  |
| Buffer                      | In 1x PBS, pH 7.4   |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 11214   |
| Gene Symbol                 | AKAP13  |
| Species                     | Human   |
| Reactivity Notes            | Human. Other species not tested.  |
| Specificity/Sensitivity     | AKAP13 - A kinase (PRKA) anchor protein 13  |
| Immunogen                   | AKAP13 (NP_006729, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MKLNPPQQAPLYGDCVVTVLLAEEDKAEDDVVFYLVFLGSTLRHCTSTRKVSSD<br>TLETIAPGHDCCE TVKVQLCASKEGLPVFVVAEEDFHFVQDEAYDAAQFLATSA<br>GNQ |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA   |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA   |
| Application Notes           | Antibody reactive against recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.  |

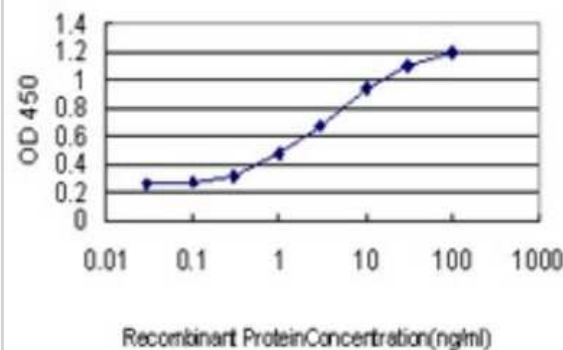


## Images

Immunocytochemistry/Immunofluorescence: AKAP13 Antibody (5B7) [H00011214-M01] - Analysis of monoclonal antibody to AKAP13 on HeLa cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: AKAP13 Antibody (5B7) [H00011214-M01] - Detection limit for recombinant GST tagged AKAP13 is approximately 0.03ng/ml as a capture antibody.



## Publications

Hu JK, Wang L, Li Y, et al. The mRNA and protein expression of A-kinase anchor proteins 13 in human colorectal cancer. Clin Exp Med. 2009-09-25 [PMID: 19779964]



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### **Products Related to H00011214-M01**

|                  |   |
|------------------|---|
| NB800-PC1        | HeLa Whole Cell Lysate                                  |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK)                |

### **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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