

# Product Datasheet

## PEAK1 Antibody (3G6) - Azide and BSA Free H00079834-M03

Unit Size: 0.1 mg

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

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### Publications: 2

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**H00079834-M03**

PEAK1 Antibody (3G6) - 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               | 3G6  |
| Preservative        | No Preservative  |
| Isotype             | IgG2a Kappa  |
| Purity              | IgG purified   |
| Buffer              | In 1x PBS, pH 7.4  |

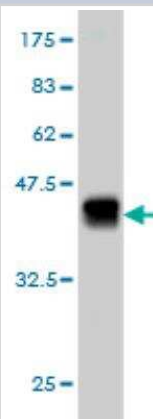
| Product Description     |   |
|-------------------------|---|
| Description             | Novus Biologicals Mouse PEAK1 Antibody (3G6) - Azide and BSA Free (H00079834-M03) is a monoclonal antibody validated for use in WB, ELISA and IP. Anti-PEAK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Mouse   |
| Gene ID                 | 79834   |
| Gene Symbol             | PEAK1   |
| Species                 | Human   |
| Reactivity Notes        | Human. Other species not tested.  |
| Specificity/Sensitivity | KIAA2002 - KIAA2002 protein   |
| Immunogen               | PEAK1 (NP_079052.2, 1151 a.a. ~ 1250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>TPPPLPKMIIRANTEPISKDLQKSMESSLCVMANPTYDIDPNWDASSAGSSISY<br>ELKGLDIESYDSLRLRPLRKERPVPSAANSISLTTLSIKDRFSNS                                   |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Immunoprecipitation   |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunoprecipitation   |
| Application Notes           | Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA. |

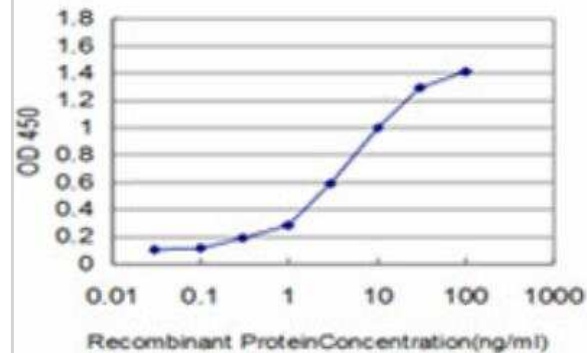


## Images

Western Blot: PEAK1 Antibody (3G6) [H00079834-M03] - Detection against Immunogen (36.63 KDa) .



ELISA: PEAK1 Antibody (3G6) [H00079834-M03] - Detection limit for recombinant GST tagged KIAA2002 is approximately 0.3ng/ml as a capture antibody.



## Publications

Huang L, Wen C, Yang X et al. PEAK1, acting as a tumor promoter in colorectal cancer, is regulated by the EGFR/KRas signaling axis and miR-181d. *Cell Death Dis.* 2018-02-15 [PMID: 29449544]

Leroy C, Fialin C, Sirvent A, Simon V et al. Quantitative Phosphoproteomics Reveals a Cluster of Tyrosine Kinases That Mediates Src Invasive Activity in Advanced Colon Carcinoma Cells. *Cancer Res* 69(6):2279-86. 2009-03-15 [PMID: 19276381]



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### **Products Related to H00079834-M03**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK)           |

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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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