antibodies -online.com







anti-MBD3 antibody





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| Quantity: | 100 μL | |
|--------------|-------------------------------------|--|
| Target: | MBD3 | |
| Reactivity: | Human | |
| Host: | Mouse | |
| Clonality: | Monoclonal | |
| Conjugate: | This MBD3 antibody is un-conjugated | |
| Application: | Western Blotting (WB) | |

Product Details

| Immunogen: | Purified His-tagged MBD3 protein was used to produced this monoclonal antibody. |
|-------------------|--|
| Clone: | 5C3 |
| Isotype: | IgG1 |
| Cross-Reactivity: | Human |
| Purification: | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is |
| | purified through a protein G column, eluted with high and low pH buffers and neutralized |
| | immediately, followed by dialysis against PBS. |

Target Details

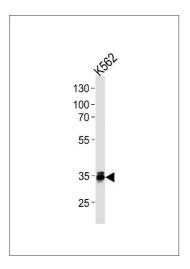
| Target: | MBD3 | |
|-------------------|----------------------|--|
| Alternative Name: | MBD3 (MBD3 Products) | |

Target Details

Expiry Date:

12 months

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|---------------------|--|--|
| Background: | Synonyms: Methyl-CpG-binding domain protein 3, Methyl-CpG-binding protein MBD3, MBD3 Background: Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself (PubMed:12124384). Binds to DNA with a preference for sites containing methylated CpG dinucleotides (in vitro). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (PubMed:24307175). Recruits histone deacetylases and DNA methyltransferases. | |
| Gene ID: | 53615 | |
| UniProt: | 095983 | |
| Pathways: | Chromatin Binding | |
| Application Details | | |
| Application Notes: | WB 1:300-5000 | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 0.5 μg/μL | |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. | |
| Storage: | -20 °C | |
| Storage Comment: | Store at -20°C for 12 months. | |
| | | |



Western Blotting

Image 1. Lane 1: K562 Cell lysates, probed with MBD3 (995CT3.2.2) Monoclonal Antibody, unconjugated (bsm-51226M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.