

## Mouse Monoclonal Antibody to KID

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|-------------------------|--|
| Catalogue Number        | sAP-0625   |
| Target Molecule         | <b>Name:</b> KID<br><b>Aliases:</b> KIF22; KID; OBP; KNSL4; OBP-1; OBP-2; A-328A3.2<br><b>MW:</b> 73kDa<br><b>Entrez Gene ID:</b> 3835   |
| Description             | The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the <i>Xenopus</i> homolog suggests its essential role in metaphase chromosome alignment and maintenance. |
| Immunogen               | Purified recombinant fragment of human KID expressed in E. Coli. ;   |
| Recitative Species      | Human  |
| Clone                   | MM5F3;   |
| Size and Concentration  | 100µg/1mg/ml   |
| Supplied as             | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.  |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage   |
| Applications            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000   |
| Shipping                | Regular FEDEX overnight shipment (ambient temperature)   |
| Reference               | 1. Cell. 2008 Mar 7;132(5):771-82. ; 2. Retrovirology. 2009 May 19;6:47. ;   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**