

# ACVR1B / ALK4 Antibody, Mouse MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 10583-MM01

| GENERAL INFORMATION       |                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                | Recombinant Human ALK4 protein (Catalog#10583-H08H)                                                                                                                                                                                                                                                                                                             |
| Preparation               | This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human ALK4 extracellular domain (rh ALK4; Catalog#10583-H08H; NP_004293.1; Met 1-Glu 126). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| Ig Type:                  | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                      |
| Clone ID:                 | 4E1C1F12                                                                                                                                                                                                                                                                                                                                                        |
| Specificity:              | Human ACVR1B / ALK-4                                                                                                                                                                                                                                                                                                                                            |
|                           | No cross-reactivity in ELISA with<br>Human ACTRII / ACVR2 / ACVR2A<br>Human ACVR2B / ACTRIIB                                                                                                                                                                                                                                                                    |
| Formulation:              | 0.2 µm filtered solution in PBS                                                                                                                                                                                                                                                                                                                                 |
| Storage:                  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.                                                                                                              |
| APPLICATIONS              |                                                                                                                                                                                                                                                                                                                                                                 |
| Applications:             | ELISA                                                                                                                                                                                                                                                                                                                                                           |
| RECOMMENDED CONCENTRATION |                                                                                                                                                                                                                                                                                                                                                                 |
| ELISA                     | ELISA: 1:1000-1:2000<br>This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect Human ALK4.                                                                                                                                                                                                                                |

**Please Note: Optimal concentrations/dilutions should be determined by the end user.**