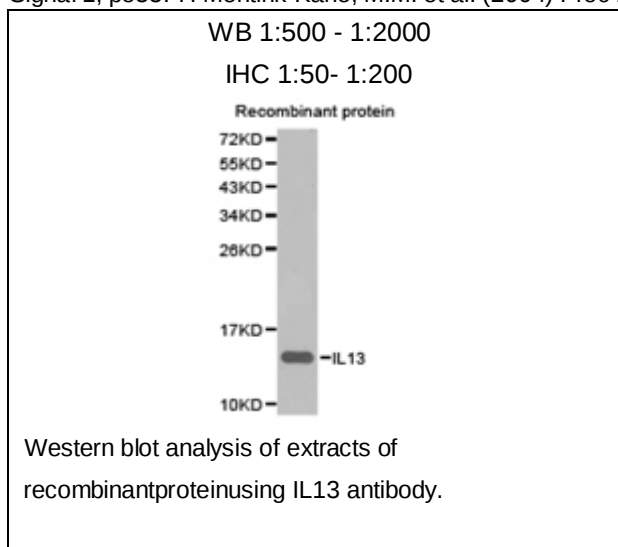




IL13 Polyclonal Antibody

E92089

- Catalog Number:** E92089
- Amount:** 100ul
- Background:** IL-13 is produced by T cells and is important in the TH2 response. IL-13 targets include B cells, eosinophils, fibroblasts, mast cells and macrophages (1-3). IL-13 binds specifically to IL-13R α 1 that complexes with IL-4R α to form the Type II IL-4R. Jak1 and Tyk2 are activated and signal through Stat3 and Stat6 (6). IL-13R α 2 is a different gene product, lacks the intracellular domain, does not complex with IL-4R α and does not signal (1,6,7). The extracellular domain of IL-13R α 2 is often elevated in diseased states. IL-13 plays key roles in airway hyperresponsiveness (AHR) of allergic asthma (1,4,5) and modulates resistance to parasitic organisms (1).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600;
- Immunogen:** Recombinant protein of human IL13
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 16kDa
- Swiss-Prot No. :** P35225
- Gene ID:** 3596
- References:** 1. Wynn, T.A. (2003) Annu Rev Immunol 21, 425-56. 2. Katz, Y. et al. (1995) Clin Exp Immunol 101, 150-6. 3. McKenzie, A.N. et al. (1993) Proc Natl Acad Sci USA 90, 3735-9. 4. Wills-Karp, M. et al. (1998) Science 282, 2258-61. 5. Nakajima, H. and Takatsu, K. (2007) Int Arch Allergy Immunol 142, 265-73. 6. Wills-Karp, M. and Finkelman, F.D. (2008) Sci Signal 1, pe55. 7. Mentink-Kane, M.M. et al. (2004) Proc Natl Acad Sci USA 101, 586-90.



For Research Use Only