www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

# GM-CSF Rabbit pAb

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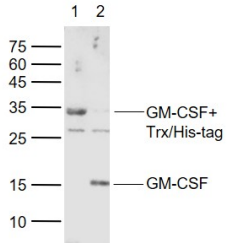
|---|---|
| Catalog Number: | bs-3790R |
| Target Protein: | GM-CSF |
| Concentration: | 1mg/ml |
| Form: | Liquid |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Applications: | WB (1:500-2000) |
| Reactivity: | Pig (predicted:Human, Mouse, Rat, Rabbit, Cow, Chicken, Dog, Recombinant protein) |
| Predicted MW: | 14 kDa |
| Entrez Gene: | 1437 |
| Source: | KLH conjugated synthetic peptide derived from human GM-CSF: 65-144/144. |
| Purification: | affinity purified by Protein A |
| Storage: | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Background: | The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq, Jul 2008]. |

## VALIDATION IMAGES




Sample: Lane 1: Recombined Trx/His-tag porcine GM-CSF protein (Aa18-144) at 2 ug Lane 2: Recombined His-tag porcine GM-CSF protein Primary: Anti-GM-CSF (bs-3790R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33/15 kD Observed band size: 33/15 kD

## PRODUCT SPECIFIC PUBLICATIONS

[IF=19.572] Hilgendorf et al. Innate response activator B cells aggravate atherosclerosis by stimulating T helper-1 adaptive immunity.

(2014) Circulatio. 129:1677-87 IHC ; Human . 24488984

[IF=11] Anzai, Atsushi, et al. "The infarcted myocardium solicits GM-CSF for the detrimental oversupply of inflammatory leukocytes." Journal of Experimental Medicine (2017): jem-20170689. IHC ; ="Mouse" . 28978634

[IF=10.79] Anzai et al. The infarcted myocardium solicits GM-CSF for the detrimental oversupply of inflammatory leukocytes. (2017) J.Exp.Med. 214:3293-3310 IHC ; Mouse . 28978634

[IF=10.3] Chuanqiang Wu. et al. Hypoxia inhibits the iMo/cDC2/CD8+ TRMs immune axis in the tumor microenvironment of human esophageal cancer. J IMMUNOTHER CANCER. 2024 Jul;12(7):e008889 IHC ; Human . 38964786

[IF=7.2] Wang Deping. et al. Engineered inhaled nanocatalytic therapy for ischemic cerebrovascular disease by inducing autophagy of abnormal mitochondria. NPJ REGEN MED. 2023 Aug;8(1):1-14 Other ; . 37567914