

## Klrb1c Rabbit pAb

Catalog Number: bs-4682R

Target Protein: Klrb1c

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat

Predicted MW: 25 kDa

Detected MW: 40-48 kDa

Entrez Gene: 17059

Swiss Prot: P27814

Source: KLH conjugated synthetic peptide derived from mouse CD161c/NK1.1: 101-200/223.

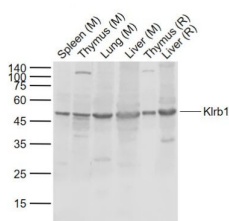
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Enables identical protein binding activity and signaling receptor activity. Acts upstream of or within natural killer cell activation and positive regulation of natural killer cell mediated cytotoxicity. Located in external side of plasma membrane. Is integral component of plasma membrane. Is expressed in thymus primordium. Orthologous to human KLRB1 (killer cell lectin like receptor B1). [provided by Alliance of Genome Resources, Apr 2022]

### VALIDATION IMAGES



Sample: Lane 1: Mouse Spleen tissue lysates Lane 2: Mouse Thymus tissue lysates Lane 3: Mouse Lung tissue lysates Lane 4: Mouse Liver tissue lysates Lane 5: Rat Thymus tissue lysates Lane 6: Rat Liver tissue lysates  
Primary: Anti-Klrb1 (bs-4682R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kDa Observed band size: 48 kDa

### PRODUCT SPECIFIC PUBLICATIONS

- [IF=17.694] Kim, Hyun-Jin. et al. Blood monocyte-derived CD169+ macrophages contribute to antitumor immunity against glioblastoma. NAT COMMUN. 2022 Oct;13(1):1-14 IHC ; Mouse . 36266311
- [IF=15.8] Loretah Chibaya. et al. Nanoparticle delivery of innate immune agonists combined with senescence-inducing agents promotes T cell control of pancreatic cancer. SCI TRANSL MED. 2024 Aug;16(762) IF ; MOUSE . 39196958
- [IF=9.4] Mingzhu Song. et al. Mitochondrial transfer of drug-loaded artificial mitochondria for enhanced anti-Glioma therapy through synergistic apoptosis/ferroptosis/immunogenic cell death. ACTA BIOMATER. 2024 Dec;; ; . 39674237
- [IF=7.56] Cheekatla, Satyanarayana Swamy, et al. "NK-CD11c+ Cell Crosstalk in Diabetes Enhances IL-6-Mediated Inflammation during Mycobacterium tuberculosis Infection." PLoS Pathog 12.10 (2016): e1005972. IHC ; ="Mouse" . 27783671
- [IF=6.107] Leimbacher Aurelia C.. et al. Voluntary Exercise Does Not Always Suppress Lung Cancer Progression. ISCIENCE. 2023 Jan 31 IHC ; Mouse . 10.2139/ssrn.4339786