bs-0215R **[Primary Antibody]**

CD95/FAS Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 246097 **SWISS:** Q63199

Target: CD95/FAS

Immunogen: KLH conjugated synthetic peptide derived from rat FAS: 35-110/327.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq, Mar 2011]

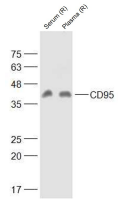
Applications: **WB** (1:500-2000)
Flow-Cyt (2μg/Test)

Reactivity: Human, Mouse, Rat (predicted: Pig)

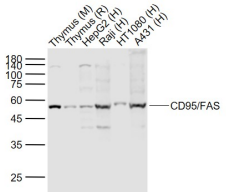
Predicted MW.: 35 kDa

Subcellular Location: Secreted ,Cell membrane

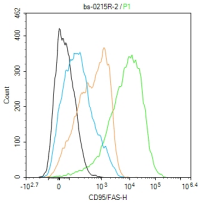
VALIDATION IMAGES



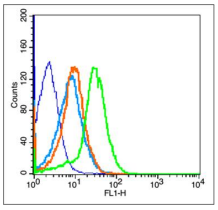
Sample: serum (Rat) at 40 ug plasma (Rat) at 40 ug Primary: Anti-CD95 (bs-0215R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 42 kD



Sample: Lane 1: Thymus (Mouse) Lysate at 40 ug Lane 2: Thymus (Rat) Lysate at 40 ug Lane 3: HepG2 (Human) Cell Lysate at 30 ug Lane 4: Raji (Human) Cell Lysate at 30 ug Lane 5: HT1080 (Human) Cell Lysate at 30 ug Lane 6: A431 (Human) Cell Lysate at 30 ug Primary: Anti-CD95/FAS (bs-0215R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45/52 kD Observed band size: 52 kD



Blank control:Raji. Primary Antibody (green line): Rabbit Anti-CD95/FAS antibody (bs-0215R) Dilution: 2ug/Test; Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Blank control(blue):Mouse Kidney (fixed with 2% paraformaldehyde for 10 min at 37°C). Primary Antibody:Rabbit Anti-CD95/FAS antibody (bs-0215R,Green); Dilution: 1μg in 100 μL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

SELECTED CITATIONS

- **[IF=4.651]** Ewelina Dobosz. et al. Murine myeloid cell MCPIP1 suppresses autoimmunity by regulating B-cell expansion and differentiation. Dis Model Mech. 2021 Mar;14(3) IHC ;Mouse. 33737335
- **[IF=4.2]** Yoji Komiya. et al. Necroptosis in alveolar epithelial cells drives lung inflammation and injury caused by SARS-CoV-2 infection. BBA-MOL BASIS DIS. 2024 Dec;1870:167472 IHC,IF ;Mouse,Human. 39154794
- **[IF=2.791]** Wang Q et al. Cdc20 and molecular chaperone CCT2 and CCT5 are required for the Muscovy duck reovirus p10. 8-induced cell cycle arrest and apoptosis. Vet Microbiol. 2019 Jun 28;235:151-163. WB ;Monkey. 31282373
- **[IF=3.417]** Lei Xiang. et al. Antitumor effects of curcumin on the proliferation, migration and apoptosis of human colorectal carcinoma HCT-116 cells. Oncol Rep. 2020 Nov;44(5):1997-2008 WB ;Human. 33000266
- **[IF=1.08]** Zhou, Ke-Wen, et al. "Overexpression of CIRP may reduce testicular damage induced by cryptorchidism." Clinical & Investigative Medicine 32.2 (2009): E103-E111. Other ;="Mouse". 19331798