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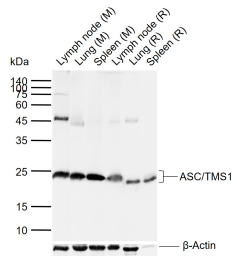
ASC/TMS1 Rabbit pAb

Catalog Number:	bs-41334R
Target Protein:	ASC/TMS1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse, Rat
Predicted MW:	22 kDa
Source:	Recombinant mouse PYCARD protein: 1-193/193.
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:	Promotes caspase-mediated apoptosis. This proapoptotic activity is mediated predominantly through the activation of caspase-9. May be a component of the inflammasome, a protein complex which also includes NALP2, CARD8 and CASP1 and whose function would be the activation of proinflammatory caspases. Tissue specificity: Widely expressed at low levels. Detected in peripheral blood leukocytes, lung, small intestine, spleen, thymus, colon and at lower levels in placenta, liver and kidney. Very low expression in skeletal muscle, heart and brain. Detected in the leukemia cell lines HL-60 and U937, but not in Jurkat T-cell lymphoma and Daudi Burkitt's lymphoma.

VALIDATION IMAGES



Sample: Lane 1: Mouse Lymph node tissue lysates Lane 2: Mouse Lung tissue lysates Lane 3: Mouse Spleen tissue lysates Lane 4: Rat Lymph node tissue lysates Lane 5: Rat Lung tissue lysates Lane 6: Rat Spleen tissue lysates Primary: Anti-ASC/TMS1 (bs-41334R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 24 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.8] Egidi Maren Juliane. et al. Anti-angiogenic therapy using the multi-tyrosine kinase inhibitor Regorafenib enhances tumor progression in a transgenic mouse model of ß-cell carcinogenesis. BRIT J CANCER. 2023 Aug;:1-13 IHC ; Mouse . 37620408

[IF=7] Yueqi Yang. et al. DHA and EPA Alleviate Epileptic Depression in PTZ-Treated Young Mice Model by Inhibiting Neuroinflammation through Regulating Microglial M2 Polarization and Improving Mitochondrial Metabolism. ANTIOXIDANTS-BASEL. 2023 Dec;12(12):2079 WB ; Mouse . 38136199