

**bs-34024R****[ Primary Antibody ]****ASC/TMS1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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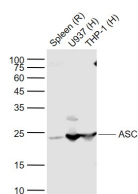
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human
<b>GeneID:</b> 29108	<b>SWISS:</b> Q9ULZ3	
<b>Target:</b> ASC/TMS1		
<b>Immunogen:</b> Recombinant human ASC: 50-195.		<b>Predicted MW.:</b> 15/19/21 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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: Spleen (Rat) Lysate at 40 ug  
Lane 2: U937 (Human) Cell Lysate at 30 ug  
Lane 3: THP-1 (Human) Cell Lysate at 30 ug  
Primary: Anti-ASC (bs-34024R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 26 kD  
Observed band size: 24 kD

**— SELECTED CITATIONS —**

- **[IF=14.026]** Congcong Chen. et al. Radix Paeoniae Alba attenuates Radix Bupleuri-induced hepatotoxicity by modulating gut microbiota to alleviate the inhibition of saikosaponins on glutathione synthetase. J PHARM ANAL. 2023 Apr.; WB ;Rat. 10.1016/j.jpha.2023.04.016
- **[IF=4.4]** Suzhi Zhao. et al. GATA1-activated lncRNA OIP5-AS1 and GAS5 promote pyroptosis to exacerbate asthma through regulating miR-136-5p/LIFR axis. FASEB J. 2024 Nov;38(22):e70159 WB ;Human. 39535503