



## RABBIT ANTI HUMAN FAS LIGAND POLYCLONAL ANTIBODY

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<b>CATALOG NUMBER:</b>	AB16982	<b>QUANTITY:</b>	50 µg
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1 mg/mL
<b>SPECIFICITY:</b>	Human FAS Ligand (FASL).		
<b>IMMUNOGEN:</b>	A 13 AA peptide sequence mapping near the C-terminus of human FAS ligand (1). This peptide is predicted to be extracellular. The peptide was synthesized with C-terminal Cysteine, coupled to KLH.		
<b>APPLICATIONS:</b>	<p><u>Western Blotting:</u> 1:1,000-1:5,000 Rat, mouse and human FASL have 278, 279, and 281 AA residues, respectively (calculated mol. Wt. of 32kDa). Western blot of the oocyte has detected a specific 31kDa band (2). A 40 kDa FASL has been detected in mouse T cells (3). An alternate detecting reagent, mFAS-Fc (4) also detected a cell surface protein of about 40 kDa. *Note: We recommend the use of 0.5-1% milk in diluents used for primary and secondary antibodies to suppress background.</p> <p><u>ELISA:</u> 0.5-1µg/MI Optimal working dilutions must be determined by the end user.</p>		
<b>SPECIES REACTIVITY:</b>	The 13-mer human FASL sequence used for antibody production is 92% (12/13 AA) homologous with rat and mouse FASL. Based upon the sequence homology data, anti-human FASL should cross react with the mouse/rat FASL.		
<b>FORMAT:</b>	Peptide affinity purified immunoglobulin.		
<b>PRESENTATION:</b>	Liquid in PBS, containing 0.1% BSA.		
<b>STORAGE/HANDLING:</b>	Maintain frozen at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	<ol style="list-style-type: none"><li>1. Mita E. et al. (1994). <i>B.B.R.C.</i> <b>204</b>: 468-474.</li><li>2. Hakuno, N. et la. (1996). <i>Endocrinology</i> <b>137</b>: 1938-48.</li><li>3. Hahne, M. (1995). <i>Intl. Immunol.</i> <b>7</b>: 1381-1386.</li><li>4. Suda T. and Nagata, S. (1994). <i>J. Exp. Med.</i> <b>179</b>: <b>873-879</b>.</li><li>5. Takahashi, T. et al. (1994). <i>Cell</i> <b>76</b>: 969-976.</li></ol>		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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