

# Product Datasheet

## Fas Ligand/TNFSF6 Antibody (A11) - BSA Free NBP1-97519

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-97519****Fas Ligand/TNFSF6 Antibody (A11) - BSA Free**

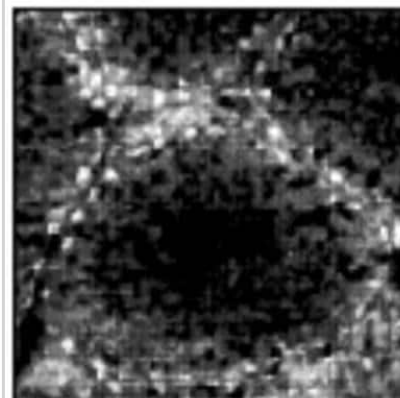
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A11
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgM
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat Fas Ligand/TNFSF6 Antibody (A11) - BSA Free (NBP1-97519) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-Fas Ligand/TNFSF6 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	356
<b>Gene Symbol</b>	FASLG
<b>Species</b>	Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to aa 196-220 of mouse FasL (CD95L; APO-1L; CD178).

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	<p>Immunohistochemical localization of FasL in adult mouse testis using the A11 antibody.</p> <p>Method: Cryostat sections (6-8um) were air dried, fixed in 4% paraformaldehyde in PBS and used immediately. Sections were incubated for 1 hr at room temperature (RT) with 20 ug/ml of A11 antibody in PBS, 0.2% BSA, 0.05% Tween 20. After rinsing in PBS, a FITC-conjugated anti-rat IgM was added for 30 min., slides washed again in PBS and visualized using a fluorescence microscope.</p> <p>Paraffin sections: Dewax in xylene (2x10 min), EtOH 100% (2x10 min), block endogeneous peroxidase (0.6% H2O2 in Methanol 10 min), rehydrate through graded EtOH (100%, 95%, 70%), rinse in H2O, unmask epitopes by heating slides in citrate buffer (0.01M, pH 6.0) 2x5 min in microwave oven (650-750W), cool down to RT 20 min, wash 1x in PBS, incubate with A11 20 ug/ml antibody, wash in PBS, incubate in anti-rat IgM HRP (ALX-211-055), wash in PBS, develop in appropriate substrate solution (DAB or AEC).</p>

## Images

Immunohistochemistry-Paraffin: Fas Ligand Antibody (A11) [NBP1-97519] - Immunohistochemical localization of FasL in adult mouse testis using the A11 antibody.



## Publications

- Harding J, Vintersten-Nagy K, Yang H et al. Immune-privileged tissues formed from immunologically cloaked mouse embryonic stem cells survive long term in allogeneic hosts *Nature biomedical engineering* 2023-11-23 [PMID: 37996616] (FLOW, ICC/IF, Mouse)
- Harding J, Vintersten-Nagy K, Shutova M, Yang H Induction of long-term allogeneic cell acceptance and formation of immune privileged tissue in immunocompetent Hosts *bioRxiv* 2019-07-30 (ICC/IF, IHC-Fr, Mouse)
- I Viard-Leveugle et al. Intracellular localization of keratinocyte Fas ligand explains lack of cytolytic activity under physiological conditions. *J. Biol. Chem.* 278, 16183. 2003-01-01 [PMID: 12473659]
- M Sata et al. Fas ligand overexpression on allograft endothelium inhibits inflammatory cell infiltration and transplant-associated intimal hyperplasia. *J. Immunol.* 166, 6964. 2001-01-01 [PMID: 11359858]
- JH Li et al. The regulation of CD95 ligand expression and function in CTL. *J. Immunol.* 161, 3943. 1998-01-01 [PMID: 9780162]
- Y Refaeli et al. Biochemical mechanisms of IL-2-regulated Fas-mediated T cell apoptosis. *Immunity* 8, 615. 1998-01-01 [PMID: 9620682]
- P Saas et al. Fas ligand expression by astrocytoma in vivo: maintaining immune privilege in the brain?. *J. Clin. Invest.* 99, 1173. 1997-01-01 [PMID: 9077524]
- M Hahne et al. Melanoma cell expression of Fas(Apo-1/CD95) ligand: implications for tumor immune escape. *Science* 274, 1363. 1996-01-01 [PMID: 8910274]
- T Renno et al. Peripheral T cells undergoing superantigen-induced apoptosis in vivo express B220 and upregulate Fas and Fas ligand. *J. Exp. Med.* 183, 431. 1996-01-01 [PMID: 8627156]
- LE French et al. Fas and Fas ligand in embryos and adult mice: ligand expression in several immune-privileged tissues and coexpression in adult tissues characterized by apoptotic cell turnover. *J. Cell. Biol.* 133, 335. 1996-01-01 [PMID: 8609166]
- M Sata et al. Vascular endothelial cells and smooth muscle cells differ in expression of Fas and Fas ligand and in sensitivity to Fas ligand-induced cell death: implications for vascular disease and therapy. *Arterioscler. Thromb. Vasc. Biol.* 20, 309. 2000-01-01 [PMID: 7510950]
- Hahne M, Peitsch MC, Irmeler M et al. Characterization of the non-functional Fas ligand of gld mice. *Int Immunol.* 1995-09-01 [PMID: 7495745]



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### **Products Related to NBP1-97519**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-96776	Rat IgM Isotype Control
NBP2-49160PEP	Fas Ligand/TNFSF6 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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