

**CD120a Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51573****Specification**

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**CD120a Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, E           |
| Primary Accession | <a href="#">P19438</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 55 KDa                 |

**CD120a Antibody - Additional Information****Gene ID** 7132**Other Names**

Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, p55, p60, CD120a, Tumor necrosis factor receptor superfamily member 1A, membrane form, Tumor necrosis factor-binding protein 1, TBPI, TNFRSF1A, TNFAR, TNFR1

**Dilution**

WB~~1:1000  
IHC-P~~N/A  
E~~N/A

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CD120a Antibody - Protein Information****Name** TNFRSF1A**Synonyms** TNFAR, TNFR1**Function**

Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein. Secreted. Note=A secreted form is produced through proteolytic processing

**CD120a Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CD120a Antibody - Images****CD120a Antibody - Background**

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**CD120a Antibody - References**

Loetscher H.,et al.Cell 61:351-359(1990).  
Schall T.J.,et al.Cell 61:361-370(1990).  
Himmeler A.,et al.DNA Cell Biol. 9:705-715(1990).  
Nophar Y.,et al.EMBO J. 9:3269-3278(1990).  
Gray P.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:7380-7384(1990).