

Datasheet: VPA00343

Description:	RABBIT ANTI CD120b
Specificity:	CD120b
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 2% Sucrose
Immunogen	Synthetic peptide corresponding to the N-terminal region of human CD120b
External Database Links	UniProt: P20333 Related reagents Entrez Gene: 7133 TNFRSF1B Related reagents
Synonyms	TNFR1, TNFR2
Specificity	Rabbit anti Human CD120b antibody recognizes CD120b, also known as TNFR2, p75 TNF receptor, p80 TNF-alpha receptor, TNFRSF1B, tumor necrosis factor receptor superfamily member 1B and tumor necrosis factor receptor type II.

CD120b is a member of the TNF-receptor superfamily. CD120b and TNF-receptor 1 form a hetero-complex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signaling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of CD120b in protecting neurons from apoptosis by stimulating antioxidative pathways (provided by RefSeq, Jul 2008).

Rabbit anti Human CD120b antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti CD120b detects a band of approximately 48 kDa in HeLa cell lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10045 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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Printed on 30 Apr 2018