

Datasheet: VPA00747

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| Description: | RABBIT ANTI MICB |
| Specificity: | MICB |
| 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 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent on sample type.

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|---------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Rabbit polyclonal antibody purified by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | KLH conjugated synthetic peptide between amino acids 65-98 of human MICB |
| External Database Links | <p>UniProt: Q29980 Related reagents</p> <p>Entrez Gene: 4277 MICB Related reagents</p> |
| Synonyms | PERB11.2 |
| Specificity | Rabbit anti Human MICB antibody recognizes MHC class I polypeptide-related sequence B. |

MICB encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alpha beta T cells, and gamma delta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides (provided by RefSeq, Jul 2008).

Rabbit anti Human MICB antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

| | |
|--------------------------------------|---|
| Western Blotting | Anti MICB antibody recognizes a band of approximately 43 kDa in Jurkat cell lysates |
| Storage | Store undiluted at -20°C, avoiding repeated freeze thaw cycles |
| Guarantee | 12 months from date of despatch |
| Acknowledgements | PrecisionAb is a trademark of Bio-Rad Laboratories |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

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