

## Datasheet: VPA00798

<b>Description:</b>	RABBIT ANTI CD63
<b>Specificity:</b>	CD63
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	2% Sucrose
<b>Immunogen</b>	Synthetic peptide directed towards the C terminal region of human CD63
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P08962</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">967</a>   CD63   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	MLA1, TSPAN30
<b>Specificity</b>	<b>Rabbit anti Human CD63 antibody</b> recognizes the CD63 antigen, also known as granulophysin, lysosome-associated membrane glycoprotein 3, melanoma-associated antigen ME491, melanoma-associated antigen MLA1, ocular melanoma-associated antigen, tetraspanin-30 or tspan-30.

The protein encoded by CD63 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also CD63 has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms (provided by RefSeq, Apr 2012).

Rabbit anti Human CD63 antibody detects a band of 30-65 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Anti CD63 antibody recognizes bands of approximately 30-65 kDa in HeLa cell lysates
<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	As supplied, 12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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