

Datasheet: MCA6348

BATCH NUMBER 157610

Description:	RABBIT ANTI CD276
Specificity:	CD276
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM335
Isotype:	IgG
Quantity:	0.1 ml

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
Immunohistology - Paraffin	▪			1/500 - 1/1000
Western Blotting	▪			1/5000 - 1/10000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to the C-terminus of human CD276
External Database	UniProt:

Links[Q5ZPR3](#) [Related reagents](#)**Entrez Gene:**[80381](#) CD276 [Related reagents](#)**Synonyms**

B7H3

Specificity**Rabbit anti CD276 antibody** recognizes CD276 antigen, also known as B7-H3.

CD276 is a type I transmembrane protein which acts as a co-stimulatory/co-inhibitory molecule in the immune system to induce cellular immunity ([Zhang and Hao 2019](#)). CD276 functions as an immune checkpoint protein induced on the surface of antigen-presenting cells and is important for inhibition of T cell function. This protein is overexpressed in a range of solid cancers and tumor-infiltrating blood vessels and frequently correlates with negative prognosis and poor clinical outcome ([Picarda et al. 2017](#)). Anti-CD276 drug conjugates have been suggested as promising anti-cancer therapies, due to the overexpression of CD276 on tumors making it possible to distinguish between physiological and pathological processes ([Seaman et al. 2018](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6348>
10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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