

## Datasheet: MCA6073PE

<b>Description:</b>	MOUSE ANTI HUMAN CD337:RPE
<b>Specificity:</b>	CD337
<b>Other names:</b>	NKp30
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	P30-15
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	100 TESTS/0.5ml

### 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
Flow Cytometry	▪			Neat

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.

<b>Target Species</b>	Human		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578
<b>Preparation</b>	Purified IgG prepared by affinity chromatography		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	0.2% Bovine Serum Albumin		
<b>Immunogen</b>	Recombinant human CD337/NKp30		
<b>External Database</b>	<b>UniProt:</b>		

**Links**[O14931](#)[Related reagents](#)**Entrez Gene:**[259197](#)

NCR3

[Related reagents](#)**Synonyms**

1C7, LY117

**Specificity**

**Mouse anti Human CD337 antibody, clone P30-15** recognizes the human CD337 antigen also known as activating NK receptor NKp30 and natural cytotoxicity triggering receptor 3.

NKp30 is a member of the natural cytotoxicity receptor family, expressed on resting and activated NK cells, and plays an important role in targeting the NK cell response to both infection and cancerous cells.

**Flow Cytometry**

Use 5ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul

**References**

1. Papewalis, C. *et al.* (2011) Increased numbers of tumor-lysing monocytes in cancer patients. [Mol Cell Endocrinol. 337 \(1-2\): 52-61.](#)
2. Mahnke, Y.D. *et al.* (2015) OMIP-029: Human NK-cell phenotypization. [Cytometry A. 87 \(11\): 986-8.](#)

**Storage**

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

**Health And Safety Information**

Material Safety Datasheet documentation #10041 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6073PE>  
10041

**Regulatory**

For research purposes only

## Related Products

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

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**Worldwide**

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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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