

Datasheet: MCA6056GA

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| Description: | RAT ANTI MOUSE CD314 |
| Specificity: | CD314 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | CX5 |
| Isotype: | IgG1 |
| Quantity: | 0.1 mg |

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 |
|----------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | 1/5 - 1/20 |

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.

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| Target Species | Mouse |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 0.5 mg/ml |
| Immunogen | Mouse CD314 |
| External Database Links | UniProt: O54709 Related reagents |

Entrez Gene:[27007](#) Klrk1 [Related reagents](#)

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|-----------------|-------|
| Synonyms | Nkg2d |
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| Specificity | Rat anti Mouse CD314 recognizes CD314 also known NKG2D. CD314 is a member of the CD92/NKG2 family of C-type lectin receptors. Members of the CD94/NKG2 family are primarily expressed on natural killer or cytotoxic T cells where they activate or inhibit the cytotoxic activities of these cells. CD314 is an activating receptor and functions in collaboration with DAP10. CD314 binds HLA/MHC molecules which are often upregulated under inflammatory conditions. |
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| Flow Cytometry | Use 10 µl of the suggested working dilution to label 1x10 ⁶ cells in 100ul |
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| Storage | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
|-------------------|----------------------------|

Related Products

Recommended Secondary Antibodies

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|------------------------------------------------|-----------------------------------------------------|
| Rabbit Anti Rat IgG (STAR17...) | FITC |
| Goat Anti Rat IgG (STAR69...) | FITC |
| Goat Anti Rat IgG (STAR131...) | Alk. Phos. , Biotin |
| Goat Anti Rat IgG (STAR73...) | RPE |
| Rabbit Anti Rat IgG (STAR21...) | HRP |
| Rabbit Anti Rat IgG (STAR16...) | DyLight@800 |
| Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) | DyLight@800 |
| Goat Anti Rat IgG (STAR72...) | HRP |

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