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# Product Datasheet

## Anti-HLA-G Purified, Clone: [5A6G7], Monoclonal
## EXB-11-431-C100

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| Article Name | Anti-HLA-G Purified, Clone: [5A6G7], Monoclonal |
| Biozol Catalog Number | EXB-11-431-C100 |
| Supplier Catalog Number | 11-431-C100 |
| Alternative Catalog Number | EXB-11-431-C100 |
| Manufacturer | EXBIO |
| Category | Antikörper |
| Application | ELISA, FC, ICC, IHC-Fr, IHC-P, WB |
| Species Reactivity | Human |
| Immunogen | C-terminal amino acid sequence (22-mer) of soluble HLA-G5 and HLA-G6 proteins coupled to ovalbumin. |
| Product Description | Human leukocyte antigen G (HLA-G), belonging to MHC class I glycoproteins, plays important roles in both physiological and pathological immunotolerance. It gives an inhibitory signal to cytotoxic T cells, NK cells, monocytes, and some other immune ce... |
| Clonality | Monoclonal |
| Concentration | 1 mg/ml |
| Clone Designation | [5A6G7] |
| Isotype | Mouse IgG1 |
| Buffer | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage | 2°C to 8°C |

| Target | HLA-G |
| --- | --- |
| Antibody Type | Monoclonal Antibody |
| Application Dilute | Immunohistochemistry (frozen sections): recommended dilution: 10 µg/ml, positive tissue: placentaFlow cytometry: recommended dilution: 2 µg/mlImmunohistochemistry (paraffin sections): recommended dilution: 10 µg/ml, positive tissue: placentaE |
| Application Notes | Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining. Immunohistochemistry (frozen sections): Recommended dilution: 10 µg/ml, positive tissue: placenta.Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml, positive tissue: placenta. ELISA: Positive control: HeLa/HLA-G5 transfectants cell lysate, HeLa/HLA-G5 cell supernatant, negative control: HeLa cell lysate. The antibody 5A6G7 has been tested as the capture antibody in a sandwich ELISA for analysis of soluble HLA-G in combination with antibody W6/32 (cat. no. 1B-422-C100). Western blotting: Positive control: JEG-3 cell lysate, reducing conditions, 12% AA SDS-PAGE. |