



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-HLA-G [9Y5G6] Standard Size Ab03657-10.0

Isotype and Format: Human IgG1, Kappa

Clone Number: 9Y5G6

Alternative Name(s) of Target: HLAG; HLA-6.0; HLA-G5; HLAG-6; HLA class I histocompatibility antigen alpha chain G; HLA G antigen; MHC class I antigen G; HLA-G1sol; HLA-G2sol

UniProt Accession Number of Target Protein: P17693

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with synthetic human HLA-G molecule heavy chain amino acid sequence '229SKEGDGGIMSVRSLSED319'.

Specificity: This antibody specifically binds the amino acid sequence 'SKEGDGGIMSVRSLSED' of the human HLA-G5 and HLA-G6. HLA-G5 and HLA-G6 are secreted forms of HLA-G that are non-classical major histocompatibility class Ib molecules involved in immune regulatory processes at the maternal-fetal interface. HLA-G expression has been reported in numerous types of cancer, always associated with more advanced stage and aggressive development of the tumor.

Application Notes: This antibody can bind human HLA-G peptide 'KEGDGGIMSVRSLSED' in an ELISA with a binding affinity of $K_a = 1.5 \times 10^{11}$ L/mol. This antibody was capable of detecting G5 and G6 isoforms of human HLA-G in a western blot and does not cross react with any other isoforms of HLA-G. This antibody can also be used for the immunohistochemical detection of HLA-G5 and HLA-G6 molecules in different gastric cancer tissues using immunohistochemistry (CN113045656).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.