

Anti-Human IgG-HRP

Goat Polyclonal antibody

Reference: AP10538C



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INTENDED USE AND PRESENTATION:

For research use only.

AP10538C, 1ml. Concentrated antibodies with carrier protein and preservative for stabilisation.

SUMMARY, EXPLANATION AND LIMITATIONS:

The antibody reacts with whole molecule human IgG. Removed traces of any contaminant antibody by absorption in solid phase.

Isotype: IgG

Immunogen: IgG isolated from a group of normal human serums.

APPLICATIONS:

This antibody is designed to detect human IgGs by ELISA (1:10000) and Immunoblot (1:5000 – 1:10000).

PRODUCT COMPOSITION:

Goat immunoglobulin IgG polyclonal obtained from culture supernatant. The preparation contains saline buffer, stabilising and glycerol.

REQUIRED MATERIALS BUT NOT SUPPLIED:

All reagents, materials, and laboratory equipment for ELISA and westerblot procedures are not provided with this antibody.

Buffered solutions for antigen retrieval, enzyme treatments, highly sensitive detection systems, and other auxiliary reagents are available from Genova Scientific.

STORAGE AND STABILITY:

Store at 2-8 °C until the expiration date printed on product label. Do not use after the expiration date. If fresh solutions are required, these must be prepared immediately prior to use, and will be stable for at least one day at room temperature (20-25°C). Unused portion of antibody preparation should be discarded after one day. If the product is stored under different conditions from those stipulated in these technical indications, the new conditions must be verified by the user. The validity period of the ready to use products when opened, is the same as the expiration date indicated on the label of intact product.

Genova Scientific guarantees that the product will maintain all of the described characteristics from the production date until the expiration date, as long as the product is stored and used as recommended. No other guarantees are provided. Under no circumstances is Genova Scientific obliged to cover damages caused by use of this reagent.

TROUBLESHOOTING:

If unusual staining is observed or any other deviations from the expected results, please read these instructions carefully, along with the instructions from the detection system. If this

does not solve the problem, please contact Genova Scientific's technical support department or your local distributor.

PRECAUTIONS:

Use only by qualified personnel.

Use proper protective equipment in order to avoid contact with reagents and samples in the eyes, skin, and mucosal tissues. In case of contact with sensitive areas, immediately flush the affected area with water. Avoid microbial contamination of the reagent, as this may produce nonspecific staining results. This antibody contains sodium azide (NaN₃), used as a stabilising agent, which is not considered to be a hazardous material in the concentration used. Concentration of sodium azide in drainage pipes made of lead or copper can cause the formation of highly explosive metallic azides. In order to avoid this, sodium azide must be disposed of along with a large volume of running water. Material safety data sheet (MSDS) for pure sodium azide is available upon request.

BIBLIOGRAPHY:

van Rhee, F., et al. 2005. NY-ESO-1 is highly expressed in poor-prognosis multiple myeloma and induces spontaneous humoral and cellular immune responses. *Blood* 105: 3939-3944.
Groves, R.W., et al. 2010. A homozygous nonsense mutation within the dystonin gene coding for the coiled-coil domain of the epithelial isoforma of BPAG1 underlies a new subtype of autosomal recessive epidermolysis bullosa simplex. *J. Invest. Dermatol.* 130: 1551-1557.

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Catalog number



Batch code



In Vitro diagnostic medical device



Temperature limitation



Expiration date



Manufacturer



See instruction for use



Genova Scientific, S.L.
C/ Johann Gutenberg, 4F. Pol. Ind.
El Caamo I • 41300 San Jose
de La Rinconada • Sevilla, SPAIN
Telefono: +34 954 150767
Fax: +34 955 266494

info@genovalab.com
www.genova-europe.com