

Product information

Product number:	AS01 013
Lot Number:	0507
Clonality:	Monoclonal mouse IgG2a
Raised in:	Mouse
Quantity:	100 µg
Concentration:	0,5 mg/ml
Purity:	Size exclusion chromatography
Antibody form:	Lyophilized

Please, add 200 µl of sterile water for reconstitution of antibodies.

Contains: 0,5 mg/ml of mouse albumin in 150 mM NaCl, 20 mM Tris-HCl, pH 8 and 0,02 % sodium azide

Storage instructions: 4°C temporary storage; -20°C or -80°C for a long term storage (years)

Please, avoid freezing and thawing of antibodies. Make aliquots instead.

Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

Background

Alpha-1-microglobulin is a 27-kDa glycoprotein with immunosuppressive properties. A gene in the lipocalin cluster encodes alpha-1-microglobulin together with a Kunitz-type proteinase inhibitor, bikunin. The gene is translated into the alpha-1-microglobulin-bikunin precursor, which is subsequently cleaved and the two proteins secreted to the blood separately. Alpha-1-microglobulin is found in blood and in connective tissue in most organs. It is most abundant at interfaces between the cells of the body and the environment, such as in lungs, intestine, kidneys and placenta. Alpha 1-microglobulin is an immunomodulatory protein with a broad spectrum of possible clinical applications and seems a promising marker for evaluation of tubular function.

Immunogen: Human and rat alpha-1-microglobulin

Application information

Western blot: 0,2-2 mg/L
Immunoprecipitation
Radioimmunoassay
Immunohistochemistry
Affinity chromatography

Reference: Babiker-Mohamed H., Forsberg M., Olsson M.L., Winguist O., Nilson B. H. K., Lögdberg L. and Åkerström B. (1991) Scand. J. Immunol. 34:655-666.

Antibodies are intended for the research use only not for diagnostic or therapeutic use.

Distributor



COSMO BIO CO., LTD.
Inspiration for Life Science

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