

Product Datasheet

AMBP - Alpha-1-microglobulin GRP12174

Species/Host	Rabbit
Reactivity	Rat
Predicted Reactivity	Mouse
Tested Applications	ICC, RIA, WB
Immunogen	rat alpha-1-microglobulin, full length, recombinant protein, overexpressed in baculovirus-infected insect cells with N-terminal His-tag
Form/Appearance	Lyophilized with 0.04% sodium azide
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Serum
MW	27 kDa
Dilution Range	1 : 5000 (ELISA), 1 : 200 (IHC), 1 : 6000 (RIA), 1 : 2000 (WB)
Application Notes	<p>Background: Alpha-1-microglobulin is a 27-kDa glycoprotein with immunosuppressive properties. A gene AMBP 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 are 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. Reconstitution: For reconstitution add 200 µl of sterile water.</p>