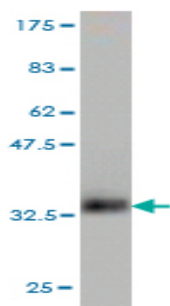


Mouse monoclonal antibody to MGSA [7A11]: IgG

Catalogue No.:	M-820-100
Description:	MGSA belongs to the intercrine alpha (chemokine CXC) family. In this family, the first two of the four conserved residues are separated by a single amino acid. MGSA has chemotactic activity for neutrophils and may play a role in inflammation. MGSA is secreted and subsequently proteolytically processed at the N-terminus by peripheral blood monocytes to form GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73). In vitro, these processed forms show a 30 fold increase in chemotactic activity. The unprocessed precursor has a length of 107 amino acids and a predicted molecular weight of 11.3KDa.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant protein of human MGSA (amino acids 36 to 107) with a GST tag.
Isotype:	IgG1 kappa
Clone:	7A11
Other Names:	Melanoma growth stimulatory activity; growth-regulated alpha protein; GRO-alpha(1-73); C-X-X motif chemokine 1; neutrophil-activating protein 3; NAP-3; CXCL1
Accession:	GROA_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and ELISA against the GST tagged recombinant human MSGA protein.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.4
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized product at 2-8C. After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



WB detection of the antigen using mouse monoclonal antibody to recombinant human MGSA, catalogue number M-820-100. Note the GST tag alone has a molecular weight of 26KDa.

FOR RESEARCH USE ONLY