

Product datasheet PS325

**MONOSAN**<sup>®</sup>

Polyclonal antibody against IgA

Clone no. -

MONOSAN

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Product name	Polyclonal antibody against IgA
Host	Rabbit
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Immunoglobulin A (IgA) plays a critical role in mucosal immunity. It is present in the mucosal secretions such as tears, saliva, colostrum, intestinal juice, vaginal fluid, and secretions from the prostate and respiratory epithelium, and represents a key first line of defense against invasion by inhaled and ingested pathogens at the vulnerable mucosal surfaces. It is also found in small amounts in blood. Because it is resistant to degradation by enzymes, secretory IgA can survive in harsh environments such as the digestive and respiratory tracts, to provide protection against microbes that multiply in body secretions. It is useful when identifying multiple myeloma.

**References**

1. Ansari NA, et al. Asian Pac J Cancer Prev. 2007; 8:593-6
2. Leong AS-Y, et al. Mol Pathol. 2000; 53:53
3. Shao H, et al. Am J Surg Pathol. 2010; 34:1425-35
4. -
5. -

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