



DCS ImmunoLine

Antibody to IgA

REF/Cat-No.:	I1973R06 I1973C01, I1973C002	Quantity:	6 mL ready-to-use 0,2 mL, 1 mL concentrate
Clone:	polyclonal	Cellular Localization:	Cytoplasmic
Specificity:	human IgA	Control Tissue:	Tonsil
Dilution:	1:100-1:500 (concentrate)	Pretreatment:	EDTA pH9
Storage:	2-8°C	Incubation:	30-60 min. RT

Immunogen:

Rabbit Antisera

Format:

Buffer with protein carrier and preservative.
~10 mg/ml. Call for lot specific Ig concentration.

Intended Use:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Species Reactivity:

hu +, others not tested

Specificity:

Immunoglobulin A (IgA) plays a critical role in mucosal immunity. It is present in the mucosalsecretions 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.

Pretreatment		Primary antibody	Link	Label	Chromogen
Heat induced antigen-retrieval or enzymatical pretreatment	Peroxide block (for use with peroxidase systems) 3 min.	depending on demand 30 - 60 min.	biot. secondary-antibody 20 min.	alk. phosphatase 20 min.	Fast Red New Fuchsin NBT/BCP
				peroxidase 20 min.	AEC DAB

DCS-reagents contain sodium azide or isothiazolone.
Material safety data sheet available upon request.



Lot-Nr.:

Exp:

Rev.-Nr.: CE A2104

