



Magic™ Anti-Secretory component monoclonal antibody, clone N29723TD3 (DCABY-4627)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The secretory component is a component of immunoglobulin A (IgA) which consists of a portion of the polymeric immunoglobulin receptor. Polymeric IgA binds to the polymeric immunoglobulin receptor on the basolateral surface of epithelial cells and is taken up into the cell via transcytosis. The receptor-IgA complex passes through the cellular compartments before being secreted on the luminal surface of the epithelial cells, still attached to the receptor. Proteolysis of the receptor occurs and the dimeric IgA molecule, along with the secretory component, are free to diffuse throughout the lumen.
Immunogen	Secretory component antibody was raised in mouse using SJL/J mice immunized with secretory component purified from human colostrum as the immunogen.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	N29723TD3
Purification	Secretory component antibody was purified by Protein G chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4626 - DCABY-4627
Format	Liquid
Size	500 µg
Buffer	Supplied in PBS, pH 7.4, 0.1 % sodium azide

Preservative	0.1% Sodium Azide
---------------------	-------------------

Storage	Store at 4 °C
----------------	---------------

GENE INFORMATION

Gene Name	ECM1 extracellular matrix protein 1 [Homo sapiens]
------------------	--

Official Symbol	ECM1
------------------------	------

Synonyms	ECM1; extracellular matrix protein 1; URBWD; secretory component p85;
-----------------	---

Entrez Gene ID	1893
-----------------------	----------------------

Protein Refseq	NP_001189787
-----------------------	------------------------------

UniProt ID	Q16610
-------------------	------------------------

Chromosome Location	1q21
----------------------------	------

Function	enzyme binding; interleukin-2 receptor binding; laminin binding; protease binding; protein C-terminus binding; protein binding; signal transducer activity;
-----------------	---