

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AP33370BT-N	Polyclonal Antibody to MRP8/14 (S100A8/A9) - Purified
Alternate names:	CAGA, CAGB, CFAG, CFAG, Calgranulin A/B, Calprotectin, L1 Protein, MRP-14, MRP-8, P14, P8
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	MRP8 and MRP14 are members of the S100 family of proteins containing 2 EF hand calcium binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21.
Host / Isotype:	Chicken / IgY
Immunogen:	Recombinant Human MRP8 and MRP14 heterocomplex. Genename: S100A8 and S100A9
Format:	State: Lyophilized purified Ig fraction from egg yolk Buffer System: PBS, pH 7.2 Preservatives: 0.09% Sodium Azide Reconstitution: Restore in aqua bidest to 1 mg/ml
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 4 µg/ml. Immunohistochemistry on Cryosections: 0.5 µg/ml (Ref.1).
	Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes MRP8, MRP14, and MRP8/14 hetero complex.
Species Reactivity:	Tested: Human, Mouse, Rat, Bovine and Pig.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
Product Citations:	Originator or purchased from resellers: 1. Ebbing J, Mathia S, Seibert FS, Pagonas N, Bauer F, Erber B, Gunzel K, Kilic E, Kempkensteffen C, Miller K, Bachmann A, Rosenberger C, Zidek W, Westhoff TH (2014). Urinary calprotectin: a new diagnostic marker in urothelial carcinoma of the bladder. World J Urol 2013 Dec 31. [Epub ahead of print]

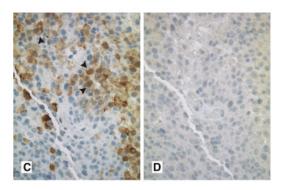
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ORIGENE AP33370BT-N: Polyclonal Antibody to MRP8/14 (S100A8/A9) - Purified

Pictures:

Immunohistochemistry image of Calprotectin staining in paraffin sections of Human urothelial carcinoma. The sections were incubated with Biotinylated AP33370BT and stained using streptavidin and peroxidase system. Slides werer counterstained with hematoxylin. (C) Tumor cells (arrow heads) display cytoplasmic staining. (D) Negative control without the primary antibody. *Original magnefication:* x400. Ebbing J et al. (2014). World J Urol (DOI 10. 1007/s00345-013-1227-8).



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