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## **HRPO-conjugated Polyclonal Antibody to Human MRP8/14**

### **S100A8/A9, Calprotectin, L1 protein - Acute inflammation marker**

This polyclonal antibody recognizes different epitopes on the MRP8/14 heterocomplex (S100A8/S100A9). It is particularly suited for use in ELISA or similar assays. It was generated by immunising chickens with recombinant MRP8/14. Thus, the antibody does not discriminate between the individual subunits MRP8 or MRP14. In immune histochemistry, it detects early inflammatory macrophages and can thus be used for the classification of acute stage inflammation in tissue sections and in smears. The MRP8/14 specific ELISA has shown significant advantages in the early assessment of certain acute inflammatory conditions.

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<b>Product Number:</b>	T-1528 (Lot 04EC0904)
<b>Clone:</b>	Polyclonal antibody
<b>Host species, isotype:</b>	Chicken IgY
<b>Quantity:</b>	100µl
<b>Format:</b>	Purified from egg yolk by repeated precipitation; HRPO-conjugated, liquid.  Supplied as a 0.1ml solution. This stock solution contains chicken IgY, 0.1Tris/HCl pH 7.2 (TBS), 0.09% Kathon as a preservative, and 0.5%BSA and 0.1% Phenol as a stabilizer.
<b>Stability:</b>	Stock solution or aliquots thereof: 6 months at 4°C.
<b>Applications:</b>	Tested for ELISA.  <b>Approximate working dilution for ELISA:</b> 1:200 Optimal dilutions should be determined by the end user.  Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Recombinant human MRP8 and MRP14.
<b>Antigen, epitope:</b>	MRP8 and MRP14 and their Ca <sup>2+</sup> -dependent complex. Several epitopes.
<b>Specificity:</b>	<b>Human:</b> MRP8/14  <b>Other species:</b> reacts with bovine and swine spleen

For *in vitro* research only. This product contains Kathon as a preservative.