



## MOUSE ANTI-MIGRATION INHIBITORY FACTOR-RELATED PROTEINS -8 AND -14 MONOCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	MAB1789	<b>QUANTITY:</b>	100 µg
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1.0 mg/mL
<b>CLONE NAME:</b>	AHN-17	<b>HOST/ISOTYPE:</b>	IgG1
<b>ALTERNATE NAMES:</b>	MRP-8; Myeloid-Related Protein-8; Calgranulin A; S100 calcium-binding protein A8; Leukocyte L1 complex light chain; Calprotectin L1L subunit  MRP-14; Myeloid-Related Protein-14; Calgranulin B; S100 calcium-binding protein A9; Leukocyte L1 complex heavy chain; Calprotectin L1H subunit		
<b>BACKGROUND:</b>	Migration inhibitory factor-related proteins (MRP) -8 and -14 belong to the S-100 family of calcium binding proteins associated with myeloid cell differentiation. They are highly expressed in resting neutrophils, keratinocytes (particularly in psoriasis), in infiltrating tissue macrophages and on epithelial cells in active inflammatory disease. The heterogeneity of macrophage subpopulations in chronic or acute inflammation is reflected by different expression of MRP8 and MRP14. Phagocytes expressing MRP8 and MRP14 belong to the early infiltrating cells, while MRP8 alone is found in chronic inflammatory tissues. The partially antagonistic functions of MRP8, MRP14 and of the Ca <sup>2+</sup> -dependent MRP8/14 heterocomplex makes them versatile mediators.		
<b>SPECIFICITY:</b>	Recognizes Human Migration Inhibitory Factor-Related Proteins -8 and -14		
<b>IMMUNOGEN:</b>	Neutrophils		
<b>APPLICATIONS:</b>	Immunocytochemistry on ethanol fixed cells Immunoblotting on un-reduced gels Optimal dilutions must be determined by the end user.		
<b>SPECIES REACTIVITY:</b>	Human		
<b>FORMAT:</b>	Purified immunoglobulin		

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**PRESENTATION:** Liquid in 0.02M Phosphate buffer, 0.25M NaCl with 0.1% sodium azide.

**STORAGE/HANDLING:** Maintain at 2-8°C in undiluted aliquots for up to 6 months from date of receipt.

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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