

## Product datasheet for **TA363847**

### **Cmklr1 Rat Monoclonal Antibody [Clone ID: 1G10]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	1G10
Applications:	IHC
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	DNA vaccine.
Specificity:	<b>Epitope:</b> The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein.
Formulation:	Affinity purified from serum-free cell culture supernatant, lyophilized. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.5mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% Kathon as a preservative.
Concentration:	N/A
Purification:	Protein G purified, lyophilized
Conjugation:	Unconjugated
Storage:	Original vial with lyophilized antibody is stable for 1 year from date of despatch. Aliquots of stock solution can be kept frozen at -20°C for two years from date of reconstitution; do not freeze working dilutions.
Gene Name:	chemokine-like receptor 1
Database Link:	<a href="#">Entrez Gene 14747 Mouse P97468</a>



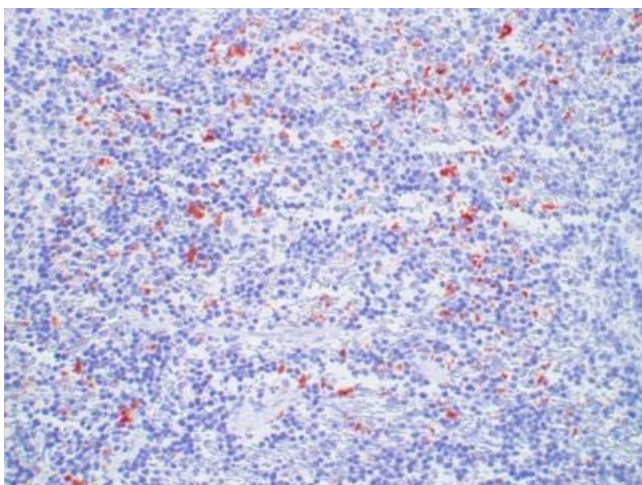
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**Background:**

Monoclonal antibody 1G10 recognizes the G protein-coupled receptor CMKLR1, a member of the seven-transmembrane domain receptors. CMKLR1 is a 371 amino acid protein that binds the chemoattractant adipokine chemerin/RARRES2 and the omega-3 fatty acid derived molecule resolvin E1. Binding of the agonist leads to multifunctional effects, like reduction of immune responses, enhancing of adipogenesis and angiogenesis. This receptor has been described to be expressed in immature plasmacytoid dendritic cells (DCs) and at lower levels in myeloid DCs, macrophages, and NK cells. Expression has also been described on macrophages isolated from different tissues.

**Synonyms:**

CHEMERINR; ChemR23; DEZ; MGC126105; MGC126106

**Product images:**

TA363847, Clone 1G10, mouse spleen, paraffin section