

Product datasheet for **TA386413**

Ccr7 Rat Monoclonal Antibody [Clone ID: 4B12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4B12
Applications:	FC, FN, IP
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing rats with mouse CCR7 antigen.
Specificity:	This antibody is specific to the mouse CCR7 protein, which was confirmed by immunoprecipitation (Ritter et al, 2004).

This antibody was used for flow cytometry and the staining quality can be improved by incubation at 37°C (Britschgi et al, 2008). This antibody is widely used to monitor the activation of dendritic cells in mice (Ohl et al, 2004; Ritter et al, 2004; Zhao et al, 2019). It was also utilized in immunoprecipitation of the CCR7 receptor protein (Ritter et al, 2004). The antibody does not interfere with ligands binding to the CCR7 receptor, which was confirmed by a transmigration assay (Ritter et al, 2004). It does not interfere with T-cell migration (Ritter et al, 2004). The antibody also is not agonistic as it does not activate the receptor (Ritter et al, 2004).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	chemokine (C-C motif) receptor 7
Database Link:	Entrez Gene 12775 Mouse P47774



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Synonyms:

BLR2; CC-CKR-7; CCR-7; CD197; CDw197; CMKBR7; EB11; EV11