

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

ADGRE1 Recombinant Rabbit mAb

bsm-41204R
ADGRE1
1mg/ml
Size : 25ul/50ul/100ul/200ul
Liquid
Size : 200ug (PBS only)
Lyophilized
Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled
water. Optimal concentration should be determined by the end user.
Rabbit
Recombinant
7E2
IgG
WB (1:500-2000), Flow-Cyt (1ug/Test)
Human
95 kDa
Cell membrane
2015
Q14246
Recombinant human ADGRE1: 1-530/886.
affinity purified by Protein A
Size : 25ul/50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
The epidermal growth factor (EGF)-TM7 family constitutes a group of class B G-protein
coupled receptors, which includes CD97, EMR1 (EGF-like molecule containing mucin-like
hormone receptor 1, designated F4/80 in mouse), EMR2, EMR3, FIRE, and ETL (1–3). These
family members are characterized by an extended extracellular region with several N-
terminal EGF domains, and are predominantly expressed on cells of the immune system
(1–3). The EGF-TM7 protein family are encoded by a gene cluster on human chromosome

19p13 (1,3,4). The F4/80 molecule is solely expressed on the surface of macrophages and serves as a marker for mature macrophage tissues, including Kupffer cells in liver, splenic red pulp macrophages, brain microglia, gut lamina propria, and Langerhans cells in the skin (1). F4/80/EMR1 undergoes extensive N-linked glycosylation as well as some O-linked glycosylation (5,6). The function of F4/80/EMR1 is unclear, but it is speculated to be involved in macrophage adhesion events, cell migration, or as a G-protein coupled signaling component of macrophages.

VALIDATION IMAGES



Blank control:THP-1. Primary Antibody (green line): Rabbit Anti-ADGRE1 antibody (bsm-41204R) Dilution: 1ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were incubated in 5%BSA to block nonspecific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Sample: Lane 1: Human THP-1 cell lysates Primary: Anti-ADGRE1 (bsm-41204R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 95 kDa Observed band size: 100 kDa