

Mouse CD109 Monoclonal Antibody | anti-CD109 antibody

CD109 Neutralizing monoclonal antibody

CATALOG # AAA62493	HOST Mouse	REACTIVITY Human, Mouse, Rat
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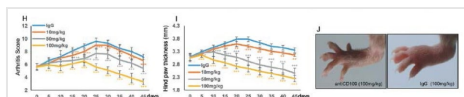
PRODUCT SYNONYMS

CD109; Monoclonal Antibody; CD109 Neutralizing monoclonal antibody; 150 kDa TGF-beta-1-binding protein; activated T-cell marker CD109; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7; CD109 antigen; Gov platelet alloantigens; p180; Platelet-specific Gov antigen; r150; RP11-525G3.1; CPAMD7; anti-CD109 antibody

PRODUCT SPECIFICATIONS

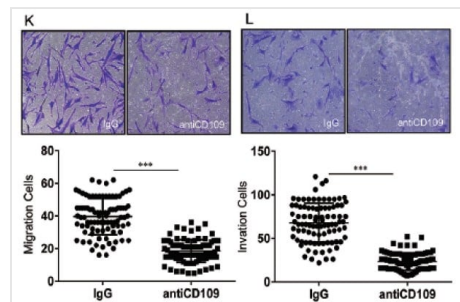
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Antibody detects endogenous levels of total CD109.
Preparation and Storage	Store at -20C. Stable for 12 months from date of receipt.

IMAGES



Application Data

H) The arthritis severity was evaluated by the arthritis scores. (I) Paw swelling was measured every 5 days after anti-CD109 addition. (J) Paw photographs from mice with CIA captured on day 21 after starting anti-CD109 treatment.



Application Data

Aneutralizing antibody against CD109 (anti-CD109) were designed for functional or treatment studies in RA FLSs and CIA. The migration (K) and invasion (L) of RA FLSs from six different patients (three males and three females) were assessed and quantified (graph below) after the addition of anti-CD109 (10 ug/mL) or IgG (10 ug/mL) and incubation for 24 hours. ***p

ADDITIONAL INFORMATION

Related Product Information for anti-CD109 antibody	CD109 is a member of the alpha2-macroglobulin/complement superfamily. The encoded GPI-linked glycoprotein is found on the cell surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signaling of transforming growth factor beta (TGF-beta).
References	Guanhua Song. et. CD109 regulates the inflammatory response and is required for the pathogenesis of rheumatoid arthritis. Ann Rheum Dis. 2019 Dec;78(12):1632-1641. doi: 10.1136/annrheumdis-2019-215473. Epub 2019 Aug 27.

NCBI AND UNIPROT INFORMATION

Molecular Weight	160 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd109-antibody-elisa/62493>