

36-2519: Anti-CD50 / ICAM3 Monoclonal Antibody(Clone: CG106)

| | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | CG106 |
| Application : | FACS,IF |
| Reactivity : | Human |
| Gene : | ICAM3 |
| Gene ID : | 3385 |
| Uniprot ID : | P32942 |
| Alternative Name : | CD50; CDW 50; CDw50; ICAM 3; ICAM-3; ICAM-R; ICAM3; ICAM3_HUMAN; ICAMR; Intercellular adhesion molecule 3 |
| Isotype : | Mouse IgG2a, kappa |
| Immunogen Information : | Stimulated human leukocytes |

Description

Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This MAbs is excellent for staining of formalin/paraffin tissues.

Product Info

| | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amount : | 20 µg / 100 µg |
| Content : | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| Storage condition : | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. |

Application Note

Blocks binding of CD11a (LFA-1) to CD50 (ICAM-3) (Order Ab without Azide); Flow Cytometry (1-2µg/million cells); Immunofluorescence (1-2µg/ml);

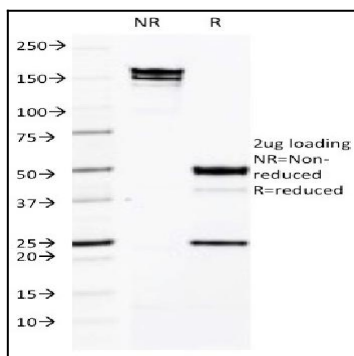


Fig. 1: SDS-PAGE Analysis Purified CD50 Mouse Monoclonal Antibody (CG106). Confirmation of Purity and Integrity of Antibody.