

Recombinant Anti-CD47 Rabbit mAb Product Manual

Cat No: GMA1084

Source: Rabbit

Reactivity: H, M, R

Applications: WB, IH

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

Description: Recombinant rabbit monoclonal antibody to CD47

Immunogen: Recombinant fusion protein of human CD47. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Monoclonal

Form: Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200)

Gene Symbol: CD47

Alternative Names: MER6; Leukocyte surface antigen CD47; Antigenic surface determinant protein OA3;

Integrin-associated protein; IAP; Protein MER6; CD47

Entrez Gene (Human): 961;

Entrez Gene (Mouse): 16423;

Entrez Gene (Rat): 29364;

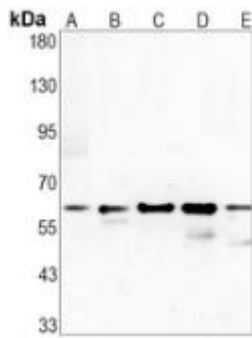
SwissProt (Human): Q08722;

SwissProt (Mouse): Q61735;

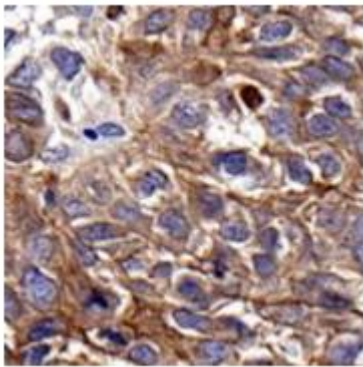
SwissProt (Rat): P97829;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Validation



Western blot analysis of CD44 expression in A375 (A), HUT78 (B) whole cell lysates. (Predicted band size: 81 kD; Observed band size: 95 kD)



Immunohistochemical analysis of CD44 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

