



Catalog Number: 10042-R025

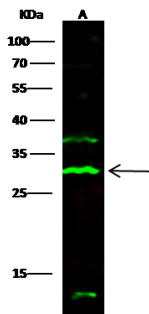
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GENERAL INFORMATION	
Immunogen:	Recombinant Human 2B4 / CD244 protein (Catalog#10042-H08H)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human 2B4 / CD244 (rh 2B4 / CD244; Catalog#10042-H08H; NP_057466.1; Met1-Arg221).
Ig Type:	Rabbit IgG
Clone ID:	025
Specificity:	Human 2B4 / CD244
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,ELISA(Cap),IP
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 µL/mg of lysate
Sandwich ELISA (Capture Ab)	ELISA(Cap): 1:250-1:2000 This antibody will detect Human 2B4 / CD244 in ELISA pair set (Catalog: # SEK10042). In a sandwich ELISA, it can be used as capture antibody when paired with (Catalog: # 10042-R031).

Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-2B4 rabbit monoclonal antibody at 1:500 dilution

Lane A: Daudi Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

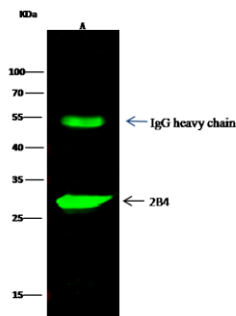
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:42 kDa

Observed band size:28 kDa

(We are unsure as to the identity of these extra bands.)



2B4 was immunoprecipitated using:

Lane A:0.5 mg Daudi Whole Cell Lysate

2 µL anti-2B4 rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-2B4 rabbit monoclonal antibody,at 1:200 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 42 kDa

Observed band size: 28 kDa