SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-Ighg Monoclonal Antibody

Catalog Number: SLA0730M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Clone No.:	12G8
Target:	Ighg
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-10000) IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) Flow-Cyt (1:100-200) ICC/IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

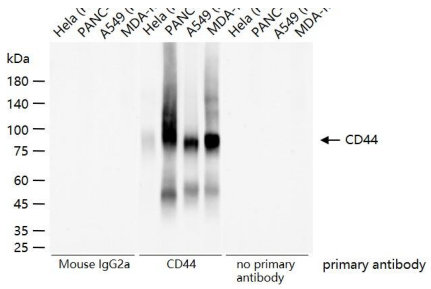


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with Ighg | Mouse IgG2a monoclonal antibody, unconjugated (SLA0730M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min

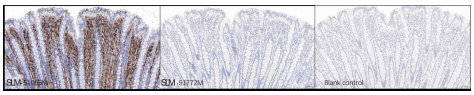


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; (left panel)The section was incubated with CD44 Monoclonal Antibody, Unconjugated (SLM-51065M) at 1:200 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining. (middle panel)The section was incubated with Ighg | Mouse IgG2a (Isotype Control) Monoclonal Antibody, Unconjugated (SLA0730M) at 1:200 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining. (right panel)The section was incubated with PBS instead of the primary antibody overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining

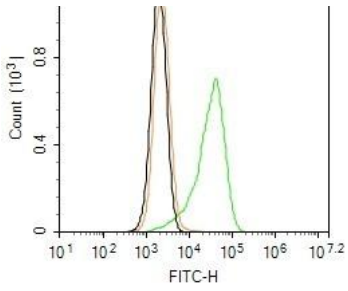


Figure 3. The Hela (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Cells stained with Primary Antibody for 30 min at room temperature,followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Mouse Anti-CD44 antibody (SLM-30038M,1:100); Isotype Control (orange): Mouse IgG2a (SLA0730M). Blank control (black): PBS. Acquisition of 20,000 events was performed

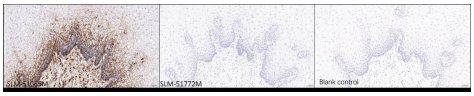


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; (left panel)The section was incubated with CD44 Monoclonal Antibody, Unconjugated (SLM-51065M) at 1:200 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining. (middle panel)The section was incubated with Ighg | Mouse IgG2a (Isotype Control) Monoclonal Antibody, Unconjugated (SLA0730M) at 1:200 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining. (right panel)The section was incubated with PBS instead of the primary antibody overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining

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