SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CD134 antibody

Catalog Number: SLM-60298R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	2H6
Target:	CD134
Immunogen:	KLH conjugated synthetic peptide derived from human CD134
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°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:50-200 IHC-F=1:50-200 IF=1:50-200 WB=1:500-2000 Flow-Cyt=1:50-100 ICC/IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	27kDa
Subcellular Location:	The cell membrane
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2l1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008]. **Database links:**

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	Entrez Gene: 7293 Human **SwissProt:** P43489 Human

[VALIDATION IMAGES]

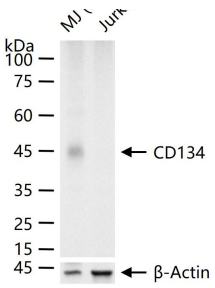


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with CD134 monoclonal antibody, unconjugated (SLM-60298R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min

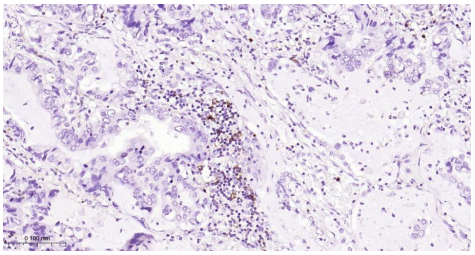


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD134 Monoclonal Antibody, Unconjugated (SLM-60298R) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

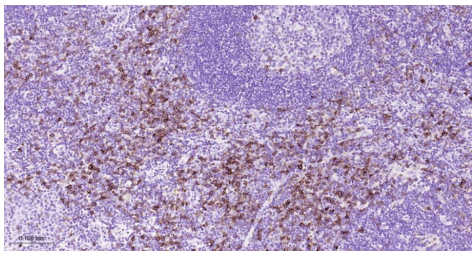


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD134 Monoclonal Antibody, Unconjugated (SLM-60298R) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

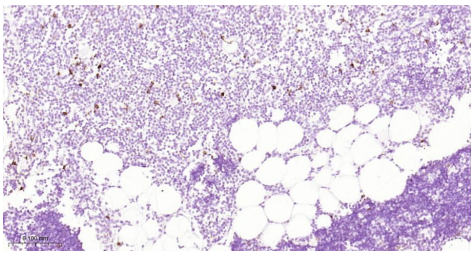


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD134 Monoclonal Antibody, Unconjugated (SLM-60298R) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

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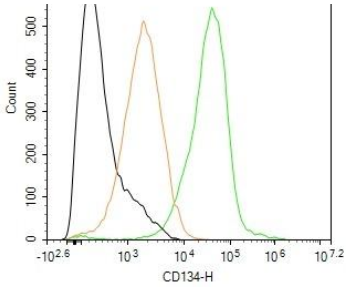


Figure 5. The MJ (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.),followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CD134 antibody (SLM-60298R,1:100); Isotype Control (orange): Rabbit IgG (SL0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed

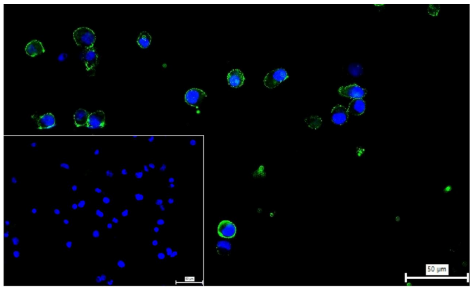


Figure 6. 4% Paraformaldehyde-fixed MJ (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CD134) monoclonal Antibody, unconjugated (SLM-60298R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, SL60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control

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