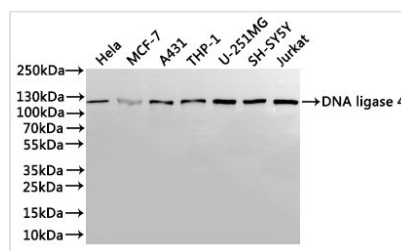




LIG4 Recombinant Monoclonal Antibody

Product Code	CSB-RA163614A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P49917
Immunogen	A synthesized peptide from human LIG4 protein
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, FC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, FC:1:50-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	LIG4
Clone No.	6E2

Image



Western Blot

Positive WB detected in: HeLa whole cell lysate(30μg), MCF-7 whole cell lysate(30μg), A431 whole cell lysate(30μg), THP-1 whole cell lysate(30μg), U-251MG whole cell lysate(30μg), SH-SY5Y whole cell lysate(30μg), Jurkat whole cell lysate(30μg)

All lanes: DNA ligase 4 antibody at 1:1000

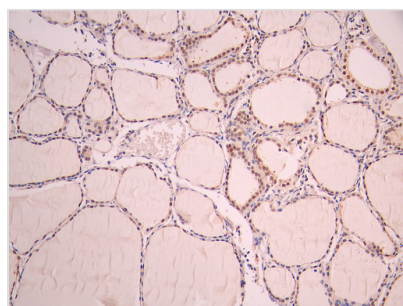
Secondary

Goat polyclonal to rabbit IgG at 1/40000 dilution

Predicted band size: 104 kDa

Observed band size: 104 kDa

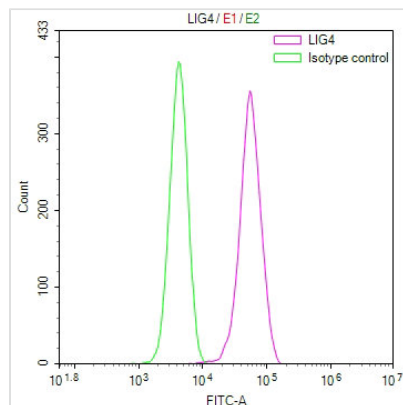
Exposure time?1min



IHC image of CSB-RA163614A0HU diluted at 1:100 and staining in paraffin-embedded human thyroid tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and



visualized using 0.05% DAB.



Overlay Peak curve showing jurkat cells stained with CSB-RA163614A0HU (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 35min at 4?. Control antibody (green line) was Rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.