

## Anti-Human Lambda Light Chain Antibody (8H783)

### Product Details

Ig Type:	IgG1
Reactivity:	Human
Molecular Weight:	Actual: 25 kDa.
Clone:	8H783

### Applications

Verified Activity:	<ol style="list-style-type: none"><li>1. Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in E sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (Human Lambda chain) Monoclonal Antibody, Unconjugated (TMAB-07448) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.</li><li>2. Paraformaldehyde-fixed, paraffin embedded (human lymphoid); Antigen retrieval by boiling in E sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (Human Lambda chain) Monoclonal Antibody, Unconjugated (TMAB-07448) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.</li><li>3. 25 µg total protein per lane of various lysates (see on figure) probed with Human Lambda Light Chain monoclonal antibody, unconjugated (TMAB-07448) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</li></ol>
Application:	IHC-P,WB,IHC-Fr,IF
Recommended	IHC-P: 1:200-1000; WB: 1:500-2000; IHC-Fr: 1:200-1000; IF: 1:200-1000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Purified native protein
Antigen Species:	Human
Gene ID:	3535
Uniprot ID:	POCG04

### Research Background

All five immunoglobulin classes share the same basic four polypeptide chain structure of two heavy-chains and two light chains. There are five heavy chain types, and two light-chain types (Kappa and Lambda) both having a molecular weight of 22.5kDa. Any heavy-chain type can associate with either light-chain type, but on any

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immunoglobulin molecule both light-chains are of the same type. Kappa and Lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481