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Datasheet for ABIN2723415

## anti-ILVBL antibody

### 3 Images

#### Overview

Quantity:	0.1 mL
Target:	ILVBL
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

#### Product Details

Immunogen:	Full length human recombinant protein of human ILVBL (NP_006835) produced in HEK293T cell.
Clone:	1A12
Isotype:	IgG2a
Characteristics:	Homo sapiens ilvB (bacterial acetolactate synthase)-like (ILVBL)
Purification:	Purified from mouse ascites fluids by affinity chromatography

#### Target Details

Target:	ILVBL
Alternative Name:	ILVBL ( <a href="#">ILVBL Products</a> )
Background:	The protein encoded by this gene shares similarity with several thiamine pyrophosphate-binding proteins identified in bacteria, yeast, and plants. The highest degree of similarity is found with bacterial acetolactate synthases (AHAS), which are enzymes that catalyze the first

## Target Details

step in branched-chain amino acid biosynthesis. COMPLETENESS: complete on the 3' end.

Molecular Weight: 67.7 kDa

Gene ID: 10994

NCBI Accession: [NM\\_006844](#)

HGNC: 10994

## Application Details

Application Notes: WB 1:500, IHC 1:150, FLOW 1:100

Comment: The concentration of the product may vary between different lots.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5-1.0 mg/mL

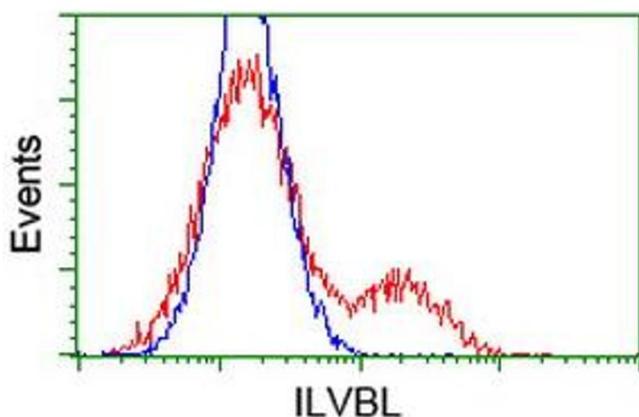
Buffer: PBS (PH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

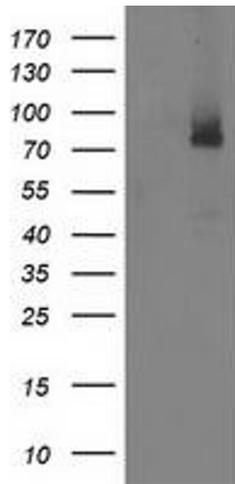
Storage: -20 °C

## Images



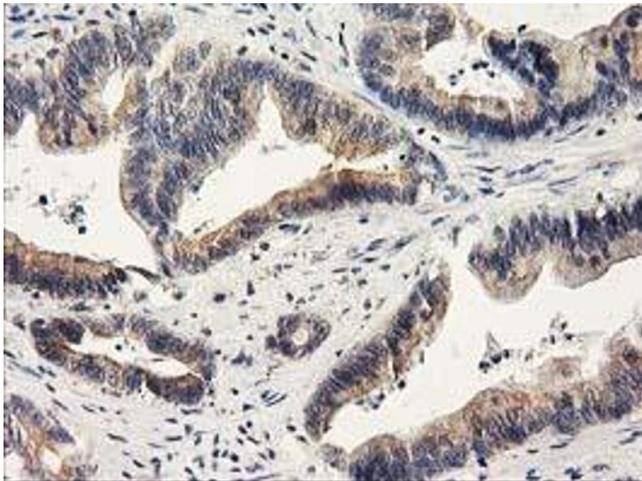
### Flow Cytometry

**Image 1.** HEK293T cells transfected with either RC203987 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ILVBL antibody (ABIN2454704), and then analyzed by flow cytometry.



### Western Blotting

**Image 2.** HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ILVBL (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5  $\mu$ g per lane) were separated by SDS-PAGE and immunoblotted with anti-ILVBL.



### Immunohistochemistry

**Image 3.** Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ILVBL mouse monoclonal antibody. (ABIN2454704)