



## Datasheet for ABIN7255135 anti-CD53 antibody



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	200 µL
Target:	CD53
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD53 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Recombinant fusion protein of human CD53 (NP_000551.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	CD53
Alternative Name:	CD53 ( <a href="#">CD53 Products</a> )
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and

## Target Details

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motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants.

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Molecular Weight:	Observed_MW: 35 kDa Calculated_MW: 24 kDa
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Gene ID:	963
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UniProt:	<a href="#">P19397</a>
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## Application Details

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Application Notes:	WB 1:1000-1:4000
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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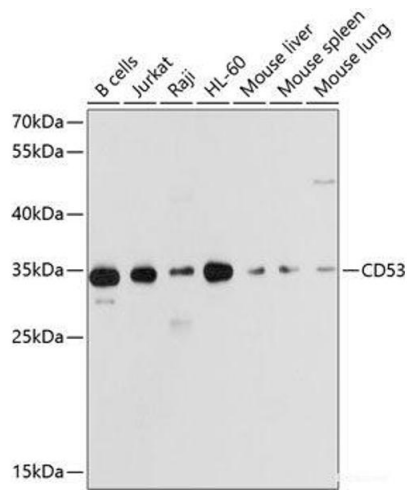
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using CD53 Polyclonal Antibody at dilution of 1:1000.