

# Human CD21 Antibody Pair - BSA and Azide free ab253611

リコンビナント

RabMAb

画像数 2

## 製品の概要

製品名	Human CD21 Antibody Pair - BSA and Azide free
アッセイタイプ	ELISA set
検出範囲	31.25 pg/ml - 4000 pg/ml
種交差性	交差種: Human
製品の概要	Human CD21 Antibody Pair is a matched pair of unconjugated <b>recombinant rabbit monoclonal</b> capture and detection antibodies used to quantify Human CD21 in sandwich ELISAs and many other pair-based applications.

## 特記事項

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

The pair can be used in variety of assays and platforms including but not limited to:

Sandwich ELISA

FRET/TR-FRET/HTRF

Meso Scale Discovery<sup>®</sup> (MSD<sup>®</sup>)

Bead-based assays

AlphaLISA<sup>®</sup>/AlphaScreen<sup>®</sup>

DELFI<sup>®</sup> immunoassays

Simoa<sup>®</sup> and Single Molecule Counting (SMC<sup>™</sup>) immunoassays

Multiplex

Our antibody pairs are supplied in a **carrier-free format** that is conjugation-ready:

Buffer free of BSA, sodium azide, and glycerol for higher conjugation efficiency.

Concentration of ~1 mg/ml as measured by the protein A280 method.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

We can label antibodies for you: get in touch today to discuss how we can help accelerate your assay development with **custom conjugation services**.

Pairs are screened in biological samples, including plasma and serum, to ensure specificity in complex samples.

**Please note:**

The recommended antibody orientation is based on internal optimization in sandwich ELISA. Antibody orientation is assay dependent and needs to be optimized for each assay type.

The range provided for this antibody pair is based on initial sandwich ELISA validation data using recombinant protein. Performance and range of the antibody pair will depend on the specific characteristics of your assay, including standard protein selection.

We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibodies in other assays.

**Antibody properties:**

**Capture antibody:** recombinant rabbit monoclonal (unconjugated) – 100 µg

**Detector antibody:** recombinant rabbit monoclonal (unconjugated) - 100 µg

**Concentration:** ~1 mg/ml

**Storage buffer:** 100% PBS

**Form:** Liquid

**Isotype:** IgG

Recombinant monoclonal antibodies offer several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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**アプリケーション**

**適用あり:** Sandwich ELISA

**試験プラットフォーム**

Reagents

**製品の特性****保存方法**

Store at +4°C. Please refer to protocols.

**キャリア・フリー**

はい

内容	10 x 96 tests
Human CD21 Capture Antibody (unconjugated)	1 x 100µg
Human CD21 Detector Antibody (unconjugated)	1 x 100µg

**機能**

Receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Participates in B lymphocytes activation.

**組織特異性**

Mature B-lymphocytes, T-lymphocytes, pharyngeal epithelial cells, astrocytes and follicular

dendritic cells of the spleen.

#### 関連疾患

Genetic variations in CR2 are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9) [MIM:610927]. Systemic lupus erythematosus (SLE) is a chronic autoimmune disease with a complex genetic basis. SLE is an inflammatory, and often febrile multisystemic disorder of connective tissue characterized principally by involvement of the skin, joints, kidneys, and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.

#### 配列類似性

Belongs to the receptors of complement activation (RCA) family.

Contains 15 Sushi (CCP/SCR) domains.

#### 細胞内局在

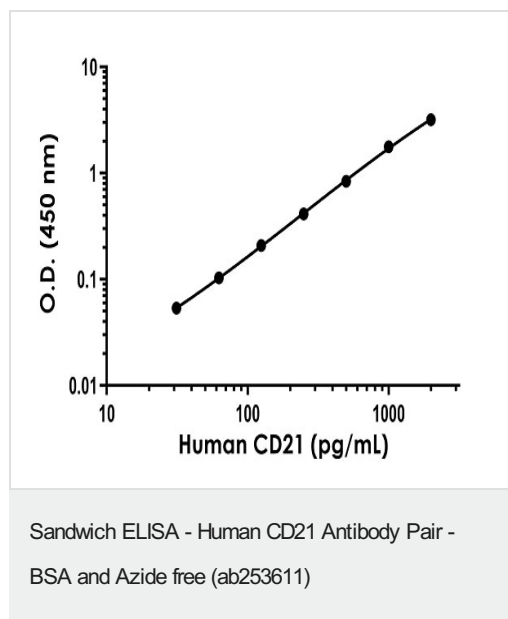
Membrane.

#### アプリケーション

**The Abpromise guarantee**      Abpromise保証は、次のテスト済みアプリケーションにおけるab253611の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use at an assay dependent concentration.

#### 画像



Example of Human CD21 standard curve. Background-subtracted data values (mean +/- SD) are graphed.

Powered by  
recombinant antibodies



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Sandwich ELISA - Antibody Pair - BSA and Azide  
Free (ab253611)

To learn more about the advantages of recombinant antibodies see [here](#).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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