

Datasheet for ABIN6746695  
**anti-CD22 antibody (AA 45-94)**



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## Overview

Quantity:	100 µL
Target:	CD22
Binding Specificity:	AA 45-94
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD22 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide located between aa45-94 of human CD22 (P20273, NP_001762). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla (100%), Orangutan, Gibbon, Monkey (92%).  Type of Immunogen: Synthetic peptide
Specificity:	Human CD22
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

## Target Details

Target:	CD22
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## Target Details

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Alternative Name:	<a href="#">CD22 (CD22 Products)</a>
Background:	Name/Gene ID: CD22 Family: Immunoglobulin  Synonyms: CD22, CD22 Molecule, CD22 antigen, SIGLEC2, SIGLEC-2, T-cell surface antigen Leu-14, B-cell receptor CD22, BL-CAM
Gene ID:	933
NCBI Accession:	<a href="#">NP_001762</a>
UniProt:	<a href="#">P20273</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in:

Waite, Floyd, Arbour-Reily, Stephens: "Interferon-gamma-induced regulation of peroxisome proliferator-activated receptor gamma and STATs in adipocytes." in: **The Journal of biological chemistry**, Vol. 276, Issue 10, pp. 7062-8, (2001) ([PubMed](#)).

Bartoli, Gu, Tsai, Venema, Brooks, Marrero, Caldwell: "Vascular endothelial growth factor activates STAT proteins in aortic endothelial cells." in: **The Journal of biological chemistry**, Vol. 275, Issue 43, pp. 33189-92, (2000) ([PubMed](#)).

Bromberg, Darnell: "The role of STATs in transcriptional control and their impact on cellular function." in: **Oncogene**, Vol. 19, Issue 21, pp. 2468-73, (2000) ([PubMed](#)).

Dent, Hu-Li, Paul, Staudt: "T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 23, pp. 13823-8, (1998) ([PubMed](#)).

Heim: "The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus." in: **European journal of clinical investigation**, Vol. 26, Issue 1, pp. 1-12, (1996) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

## Images

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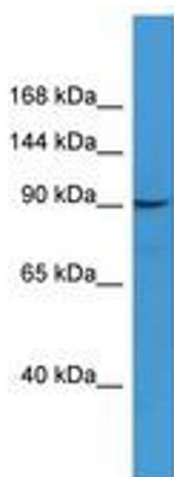


Image 1.