

## CD31 antibody [C31/1395R]

## Cat. No. GTX34494

Host	Rabbit	Package
Clonality	Monoclonal	100 µg
Isotype	IgG	
Applications	WB, IHC-P, FCM, Protein Array	
Reactivity	Human	

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT
FCM	1-2µg/10 <sup>6</sup> cells
Protein Array	Assay dependent

**Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.**

Not tested in other applications.

Calculated MW 83 kDa. ([Note](#))

## Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant full-length human CD31 protein
Purification	Protein A/G purified
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

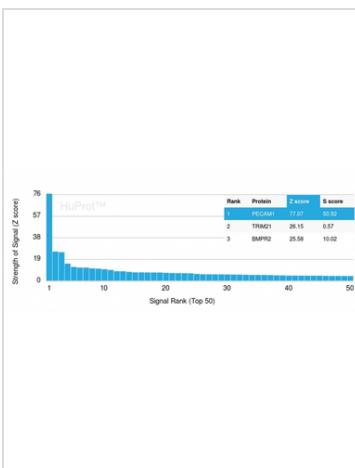
Date 2026 / 01 / 29 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

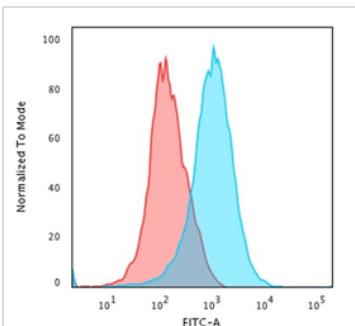
**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

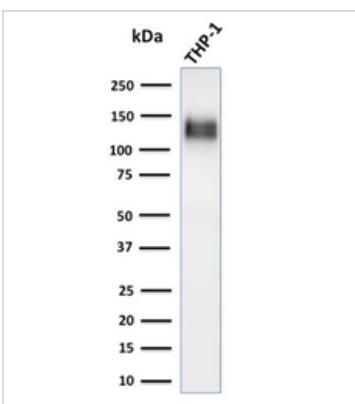
## DATA IMAGES

**GTX34494 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using CD31-Monospecific Recombinant Rabbit Monoclonal Antibody (C31/1395R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.

**GTX34494 FCM Image**

FACS analysis of paraformaldehyde-fixed Jurkat cells using GTX34494 CD31 antibody [C31/1395R].  
Blue : Primary antibody  
Red : Isotype control

**GTX34494 WB Image**

WB analysis of THP-1 lysate using GTX34494 CD31 antibody [C31/1395R].



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 29 Page 2 of 2