# CD44 antibody [SPM544]

## Cat. No. GTX34514

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a |
| **Applications** | WB, ICC/IF, IHC-P |
| **Reactivity** | Human, Monkey, Baboon |

**Package**
100 µg

## Applications

**Application Note**

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

| Suggested dilution | Recommended dilution |
|---|---|
| WB | 1-2µg/ml |
| ICC/IF | 1-2µg/ml |
| IHC-P | 0.25-0.5µg/ml for 30 minutes at RT |

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

Not tested in other applications.

| | |
|---|---|
| **Calculated MW** | 82 kDa. ( Note ) |
| **Product Note** | This antibody's epitope is resistant to digestion by trypsin and chymotrypsin. This MAb selectively interferes with lymphocyte binding to lymph node, mucosal and synovial endothelium. |

## Properties

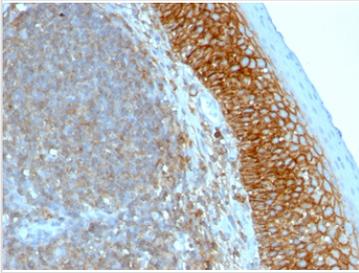| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 0.05% BSA |
| **Preservative** | 0.05% Sodium azide |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC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

For full product information, images and publications, please visit our **website**.

**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
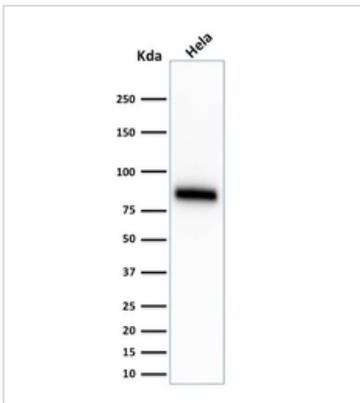
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



**GTX34514 IHC-P Image**

IHC-P analysis of human tonsil tissue using GTX34514 CD44 antibody [SPM544].



**GTX34514 WB Image**

WB analysis of HeLa cell lysate using GTX34514 CD44 antibody [SPM544].



**For full product information, images and publications, please visit our website.**

GeneTex, Inc. ( North America )
📞 1-877-436-3839 ( Toll-free )  📠 1-949-309-2888  ✉ sales@genetex.com

GeneTex International Corporation ( Global )
📞 886-3-6208988  📠 886-3-6208989  ✉ infoasia@genetex.com