

# GOAT ANTI-CD14 ANTIBODY

SKU: EB07103



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## SPECIFICATIONS

|                              |                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| <b>Unit Size</b>             | 100 µg                                                                                                                                |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                            |
| <b>Synonym / Alias Names</b> | HGNC:1628 CD14 antigen CD14                                                                                                           |
| <b>Usage Summary</b>         | <strong>Flow Cytometry:</strong> Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.                          |
| <b>Accession ID</b>          | NP_000582.1                                                                                                                           |
| <b>Blocking Peptide</b>      | EBP07103                                                                                                                              |
| <b>Immunogen</b>             | Peptide with sequence C-KRVDADADPRQYAD, from the internal region of the protein sequence according to NP_000582.1.                    |
| <b>Peptide Sequence</b>      | C-KRVDADADPRQYAD                                                                                                                      |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                          |
| <b>Predicted Species</b>     | Human                                                                                                                                 |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactive Species</b> | Human                                                                                                                                                                                                                                                                                                                                                 |
| <b>Human Gene ID</b>    | 929                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Grade</b>    | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>                                                                                                           |
| <b>IHC Results</b>      | Paraffin embedded Human Tonsil. Recommended concentration: 6-8µg/ml. Weak positive staining of Non germinal center cells in Human Lymph Node was also observed.                                                                                                                                                                                       |
| <b>ELISA</b>            |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Detection Limit</b>  | Antibody detection limit dilution 1:128000.                                                                                                                                                                                                                                                                                                           |
| <b>Western Blot</b>     | Approx 55kDa band observed in Human Lymph node and Tonsil lysates (calculated MW of 40.1kDa according to NP_000582.1).The observed molecular weight corresponds to the glycosylated form, and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. |
| <b>Application Type</b> | Pep-ELISA, WB, IHC, FC                                                                                                                                                                                                                                                                                                                                |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES



