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## Product Datasheet

### CD274 Antibody, Unconjugated, Goat, Polyclonal BYT-ORB1247125

|                            |                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD274 Antibody, Unconjugated, Goat, Polyclonal                                                                                                             |
| Biozol Catalog Number      | BYT-ORB1247125                                                                                                                                             |
| Supplier Catalog Number    | orb1247125                                                                                                                                                 |
| Alternative Catalog Number | BYT-ORB1247125-0.1                                                                                                                                         |
| Manufacturer               | Biorbyt                                                                                                                                                    |
| Host                       | Goat                                                                                                                                                       |
| Category                   | Antikörper                                                                                                                                                 |
| Application                | ELISA, FC, IF, IHC, WB                                                                                                                                     |
| Species Reactivity         | Human                                                                                                                                                      |
| Immunogen                  | The immunogen for this antibody is: CKKQSDTHLEET                                                                                                           |
| Conjugation                | Unconjugated                                                                                                                                               |
| Product Description        | CD274 Antibody...                                                                                                                                          |
| Clonality                  | Polyclonal                                                                                                                                                 |
| Concentration              | 500 ug/mL                                                                                                                                                  |
| NCBI                       | <a href="#">054862</a>                                                                                                                                     |
| UniProt                    | <a href="#">Q9NZQ7</a>                                                                                                                                     |
| Buffer                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing. |

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| Form              | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Target            | CD274                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | <p>Application Notes: Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 40kDa band observed in Human Heart lysates. The observed molecular weight corresponds to glycosylation (calculated MW of 33.3kDa according to NP_054862.1). An additional band was also consistently observed at 55kDa, and was successfully blocked by incubation with the immunizing peptide. Preliminary testing also showed the 37+55kDa bands in lysates of cell lines, A549, Daudi, HeLa, HepG2 and Jurkat Recommended concentration: 0.03-0.1µg/mL. Primary incubation 1 hour at room temperature. Immunohistochemistry: In paraffin embedded Human Placenta shows membranous staining of cytotrophoblasts. Recommended concentration: 2-4µg/mL. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/mL. Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10µg/mL</p> |