



WORLD ODISSEY

Immunology Products



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Immunology



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- Recombinant Proteins
- Primary Antibody
- Secondary Antibody
- Catalog Peptides
- Blocking Peptides
- ELISA Kits



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Rec. Protein & Antibody

Recombinant Proteins:

- More than 5,000 recombinant proteins
- Available in 10 μ g & 50 μ g pack sizes

Primary Antibody:

- More than 30,000 primary antibodies
- Optimized for IHC, WB, ELISA, FCM, IF
- Available in 30 μ g, 50 μ g, 100 μ g & 200 μ g pack sizes

Secondary Antibody:

- More than 700 purified and conjugated secondary antibodies
- HRP; FITC; Biotin; TRITC; Cy3; Cy5; Cy5.5; Cy7; Texas Red; AlexaFluor 350, 405, 488, 532, 568, 594, 633, 647, 660, 680, 750, 790



Peptides

Catalog Peptides:

- More than 2,000 recombinant proteins
- Available in standard & custom pack sizes

Blocking Peptides:

- More than 5,000 blocking peptides
- Available in 1mg pack size

Blocking peptide binds specifically to the target antibody and block undesirable antibody binding. This occurs because the peptide resembles the epitope for which the antibody is specific, therefore, the antibody binds to the blocking peptide are no longer able to bind to the epitope in the protein. Pre-adsorption with blocking peptide greatly improves the results and it is extremely useful in immunohistochemistry (IHC) or in Western blotting (immunoblotting) when non-specific binding is an issue.

ELISA Kits



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- ❖ >8,000 ELISA kits are available for research use and IVD
- ❖ Assays are simple, reproducible and highly specific
- ❖ Accurate determination from biological samples
- ❖ Available for a variety of proteins and small molecules
- ❖ For wide range of species including human, mouse, rat, bovine, chicken, etc.
- ❖ Supplied with 96-well pre-coated micro plate; along with all the reagents required

Each Immunoassays are optimized as per the following standard protocol:

- Add the sample & reagents in micro-plate as per the following
- Standards or samples are added with a biotin-conjugated antibody
- Avidin conjugated HRP is added and incubated
- And, then TMB substrate solution is added
- The sample will exhibit a change in color
- Change in color is measured by spectrophotometer at a wavelength of 450nm
- Concentration of protein in the samples is determined by comparing the OD of the samples to the standard curve



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To Know more details , Please visit our website

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THANKS !



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