ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

# Goat anti-EPHB4 (aa 566 - 578) Antibody

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| **Item Number** | dAP-1221 |
| **Target Molecule** | Principle Name: EPHB4 (aa 566 - 578); Official Symbol: EPHB4 ; All Names and Symbols: EPHB4; EPH receptor B4; HTK; MYK1; TYRO11; ephrin receptor EphB4; ephrin type-B receptor 4; hepatoma transmembrane kinase; soluble EPHB4 variant 1; soluble EPHB4 variant 2; soluble EPHB4 variant 3; tyrosine-protein kinase TYRO11; tyrosine-protein kinase r; Accession Number (s): NP_004435.3; Human Gene ID(s): 2050; Non-Human GeneID(s): |
| **Immunogen** | QSNGREAEYSDKH, is from internal region |
| **Applications** | Pep ELISA<br><br>Species Tested: |
| **Purification** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Supplied As** | lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Peptide ELISA** | Peptide ELISA: antibody detection limit dilution 1 to 1000. |
| **Western Blot** | Western Blot: Preliminary experiments in human kidney, liver and placenta lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been repor |
| **IHC** | |
| **Reference** | Reference(s): Kumar SR, Masood R, Spannuth WA, Singh J, Scehnet J, Kleiber G, Jennings N, Deavers M, Krasnoperov V, Dubeau L, Weaver FA, Sood AK, Gill PS. The receptor tyrosine kinase EphB4 is overexpressed in ovarian cancer, provides survival signals and predicts poor outcome. Br J Cancer. 2007 Apr |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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