

## Rabbit EEF1D Polyclonal Antibody | anti-EEF1D antibody

EEF1D Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY                                       | APPLICATIONS                                                                |
|-----------|--------|--------------------------------------------------|-----------------------------------------------------------------------------|
| AAA284452 | Rabbit | Human (Predicted Reactivity: Monkey, Mouse, Rat) | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

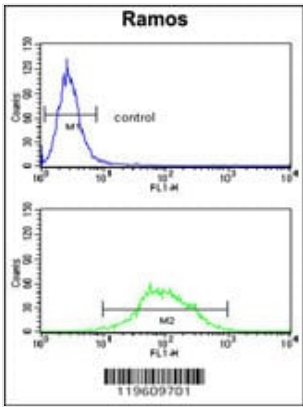
### PRODUCT SYNONYMS

EEF1D; Polyclonal Antibody; EEF1D Antibody (N-term); Elongation factor 1-delta; EF-1-delta; Antigen NY-CO-4; EF1D; anti-EEF1D antibody

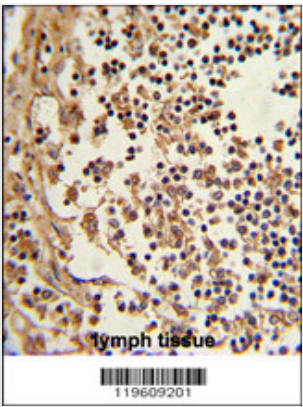
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                    |
| Reactivity                                      | Human (Predicted Reactivity: Monkey, Mouse, Rat)                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                                |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                     | This EEF1D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EEF1D.                       |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 1-30                                                                                                                                                                                      |
| Sequence Length                                 | 262                                                                                                                                                                                       |
| Applicable Applications for anti-EEF1D antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                  | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

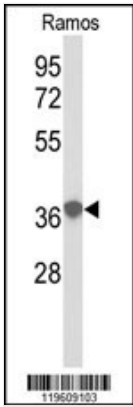
IMAGES



**FCM/FACS (Flow Cytometry)**  
EEF1D Antibody (N-term) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human lymph reacted with EEF1D Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of EEF1D antibody (N-term) in Ramos cell line lysates (35ug/lane). EEF1D (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EEF1D antibody | EEF1D is a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit functions as guanine nucleotide exchange factor. It is reported that this subunit interacts with HIV-1 Tat, and thus it represses the translation of host-cell, but not HIV-1, mRNAs. |
| Product Categories/Family for anti-EEF1D antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                                           |
| References                                          | Yang,S., BMC Cancer 7, 211 (2007)<br>Mulner-Lorillon,O., J. Biol. Chem. 269 (31), 20201-20207 (1994)                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | 304555583                                                                                                |
| NCBI GeneID               | 1936                                                                                                     |
| NCBI Accession #          | NP_001123525.2; NP_001123527.1; NP_001123528.1; NP_001123529.1; NP_001182132.1; NP_001951.2; NP_115754.3 |
| NCBI GenBank Nucleotide # | NM_001130053.2                                                                                           |
| UniProt Accession #       | P29692; Q4VBZ6; Q969J1; Q96I38; B4DDU4; D3DWK3; E9PBQ9                                                   |

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| Molecular Weight                 | 31122                                                                                  |
| NCBI Official Full Name          | elongation factor 1-delta isoform 1                                                    |
| NCBI Official Synonym Full Names | eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) |
| NCBI Official Symbol             | EEF1D                                                                                  |
| NCBI Official Synonym Symbols    | EF1D; EF-1D; FP1047                                                                    |
| NCBI Protein Information         | elongation factor 1-delta                                                              |
| UniProt Protein Name             | Elongation factor 1-delta                                                              |
| UniProt Gene Name                | <b>EEF1D</b>                                                                           |
| UniProt Synonym Gene Names       | EF1D; EF-1-delta                                                                       |
| UniProt Entry Name               | EF1D_HUMAN                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eef1d-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284452>