

## Datasheet for ABIN6943209 **anti-eEF1A1 antibody**

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### Overview

|              |                                                                                                                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                                                                             |
| Target:      | eEF1A1 (EEF1A1)                                                                                                                                                                                                    |
| Reactivity:  | Human, Mouse, Rat                                                                                                                                                                                                  |
| Host:        | Rabbit                                                                                                                                                                                                             |
| Clonality:   | Monoclonal                                                                                                                                                                                                         |
| Conjugate:   | This eEF1A1 antibody is un-conjugated                                                                                                                                                                              |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Immunogen:        | Recombinant protein within C-terminal human eEF1A1 |
| Clone:            | 3F9                                                |
| Isotype:          | IgG                                                |
| Cross-Reactivity: | Human, Mouse, Rat                                  |
| Purification:     | Purified by Protein A.                             |

### Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | eEF1A1 (EEF1A1)                            |
| Alternative Name: | eEF1A1 ( <a href="#">EEF1A1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: Elongation factor 1-alpha 1, Elongation factor Tu, Eukaryotic elongation factor 1 A-1, Leukocyte receptor cluster member 7, EF-1-alpha-1, EF-Tu, eEF1A-1, EEf1A1, EEf1A, EF1A, LENG7</p> <p>Background: This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. With PARP1 and TXK, forms a complex that acts as a T helper 1 (Th1) cell-specific transcription factor and binds the promoter of IFN-gamma to directly regulate its transcription, and is thus involved importantly in Th1 cytokine production.</p> |
| Gene ID:    | 1915                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt:    | <a href="#">P68104</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Application Details

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>WB 1:300-5000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only                                                                                             |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.                   |
| Preservative:      | ProClin                                                                                                                |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.     |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 12 months                                                                                                              |