

## Anti human EAR2 mouse monoclonal antibody

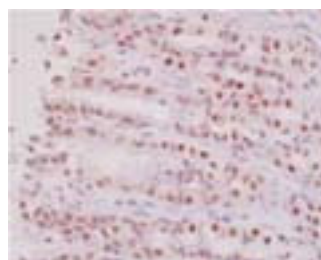
EAR2: V-erbA related orphan nuclear receptor

|               |  |
|---------------|--|
| Code No       | PP-N2025-00  |
| Clone No.     | N2025  |
| Lot.          | A-1  |
| Concentration | 1 mg/mL  |
| Volume        | 100 uL   |
| Ig Class      | G2a  |
| Description   | EAR2(ERBAL2, NR2F6) is a member of orphan nuclear receptor. No ligand has been reported. NAR2 transcribed as a 2.5kb mRNA. Expression is detected in fetal liver, placenta, heart, muscle and pancreas. No expression was detected in lung and brain. Interaction with the transcription factor CBFA2 reveals a negative regulator of granulocyte differentiation. |
| Nomenclature  | NR2F6  |
| Genbank       | X12794   |
| Origin        | Produced in BALB/c mouse ascites inoculated with hybridoma of mouse myelomacells (NS-1) and spleen cells of a BALB/c mouse, which immunized with recombinant human EAR2 (13-44aa) produced by Baculovirus.   |
| Specificity   | This antibody specifically recognizes human EAR2 and cross reacts with rat EAR2. This antibody does not recognizes human COUP-TF I and COUP-TF II. This antibody does not cross react with mouse EAR2.   |
| Purification  | Ammonium sulfate fractionation.  |
| Formulation   | Physiological saline with 0.1% NaN <sub>3</sub> as a preservative.   |

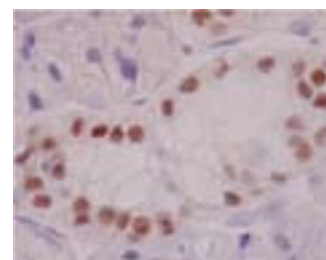
### Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

|                               |                    |
|-------------------------------|--------------------|
| Western Blot                  | 1 ug/mL            |
| Non reducing Western Blot     | 1 ug/mL            |
| ELISA                         | 0.2 ug/mL (A450=1) |
| Immunoprecipitation           | Decide by use      |
| Supershift Assay              | Not yet tested     |
| Chromatin immunoprecipitation | Not yet tested     |
| Immunohistochemistry          | 10 ug/mL           |



Rat  
Gastric epithelial cells  
paraffin section



Rat  
Glandula salivaria  
paraffin section

|         |   |
|---------|---|
| Storage | Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended. |
|---------|---|

### Reference

|       |   |
|-------|---|
| Notes | Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal. |
|-------|---|

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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July 1, 2023