

Datasheet for ABIN1697813

## **anti-Biliverdin Reductase antibody (AA 161-260) (AbBy Fluor® 555)**



[Go to Product page](#)

### Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Biliverdin Reductase (BLVRA)                                                                                                   |
| Binding Specificity: | AA 161-260                                                                                                                     |
| Reactivity:          | Human, Rat                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Biliverdin Reductase antibody is conjugated to AbBy Fluor® 555                                                            |
| Application:         | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human BLVRA/Biliverdin Reductase |
| Isotype:              | IgG                                                                            |
| Cross-Reactivity:     | Human, Rat                                                                     |
| Predicted Reactivity: | Mouse,Pig                                                                      |
| Purification:         | Purified by Protein A.                                                         |

### Target Details

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Target:           | Biliverdin Reductase (BLVRA)                                  |
| Alternative Name: | BLVRA/Biliverdin Reductase ( <a href="#">BLVRA Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: Biliverdin IX alpha reductase, Biliverdin reductase A, BLVR A, BLVR, BLVRA, BVR A, BVR, BVRA, zinc-metalloprotein, BIEA_HUMAN.</p> <p>Background: In human liver cytosolic fractions, four forms of biliverdin reductase have been identified, including two biliverdin-IX Beta reductases and two biliverdin-IX Alpha reductases, designated isozymes I and II and isozymes III and IV, respectively. Biliverdin reductase A (BLVRA), also designated biliverdin-IX Alpha-reductase, belongs to the GFO/iLDH/MocA family and the biliverdin reductase subfamily. The gene that encodes this cytoplasmic protein maps to chromosome 7p14-cen. BLVRA reduces biliverdin IX (the methene bridge of the open tetrapyrrole) to bilirubin with the concomitant oxidation of an NADH or NADPH cofactor (bilirubin + NADP+ = biliverdin + NADPH). BLVRA is expressed primarily in liver.</p> |
| Gene ID:    | 644                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |