

# ERCC1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02895-1

## Capture Antibody Information

**Catalog Number:**  
87175-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252372H7  
**Reactivity:**  
human  
**GenBank:**  
BC052813  
**Immunogen Catalog Number:**  
Ag6112

**Conjugate:**  
Unconjugated  
**Full name:**  
excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)  
**Gene ID:**  
2067

## Detection Antibody Information

**Catalog Number:**  
87175-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252372E11  
**Reactivity:**  
human  
**GenBank:**  
BC052813  
**Immunogen Catalog Number:**  
Ag6112

**Conjugate:**  
Unconjugated  
**Full name:**  
excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)  
**Gene ID:**  
2067

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.156-20 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

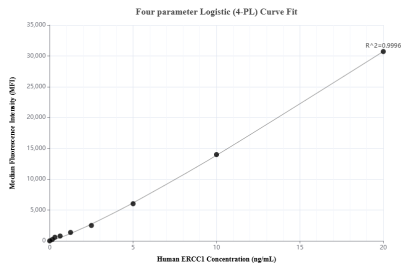
## Product Information

MP02895-1 targets ERCC1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: ERCC1 Recombinant monoclonal antibody, PBS Only (Capture) 87175-2-PBS (252372H7). 100 µg. Concentration 1 mg/mL.  
Detection antibody: ERCC1 Recombinant monoclonal antibody, PBS Only (Detector) 87175-1-PBS (252372E11). 100 µg. Concentration 1 mg/mL.  
Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.  
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.  
Antibody use should be optimized for each application and assay.

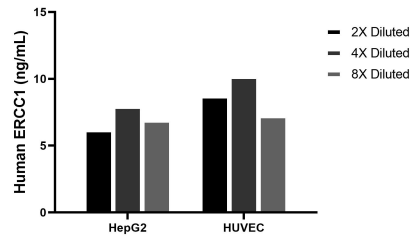
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MPO2895-1, ERCC1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87175-2-PBS. Detection antibody: 87175-1-PBS. Standard: Ag6112. Range: 0.156-20 ng/mL



The mean ERCC1 concentration was determined to be 7.0 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 8.7 ng/mL in HUVEC cell extract based on a 1.2 mg/mL extract load.