**Data Sheet**

**Antibody 5E2**

**Antigen:** Purified, full length CFTR

**Antigenic Site:** C terminal aa 1371-1385

**Antibody Class:** Mouse IgG1

**Vial contents:** 200 l of ascites as a 50% glycerol solution containing 0.05% azide as preservative.

**Storage:** The antibody is stable at -20oC for at least 6 months. For long term storage, prepare aliquots and store at -80oC. Avoid repetitive freeze thaw cycles.

Recommended working dilutions:

* + Western Blots: 1:1000 to 1:5000

It is suggested the investigator determine a suitable working concentration empirically for each assay utilized. Suitability for a specific application should be determined by the investigator.

The antibody has been tested in Western blots against 10 g cell lysate proteins prepared from BHK cell not expressing (-) or expressing (+) CFTR (Figure 1).



Figure 1: 10 ul of empty BHK (-) or BHK CFTR (+) cell lysate run on 4-15% polyacrylamide gel. Western blot using 1:5000 dilution of antibody