**TITLE OF THE INVENTION: ANTI-MUTANT CALRETICULIN (CALR) ANTIBODIES AND USES THEREOF**

## ABSTRACT

Anti-mutant calreticulin (mutCALR) antibodies are disclosed. Also disclosed are related nucleic acids, vectors, cells, kits, and pharmaceutical compositions. Methods of treating or diagnosing myeloproliferative neoplasms with the anti-mutCALR antibodies are also disclosed.

[FIGURE 6]